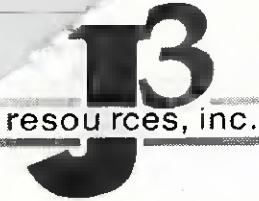


# Exhibit 25



6110 W. 34th Street  
Houston, TX 77092

(713) 290-0221  
(713) 290-0248 fax  
www.j3resources.com

July 13, 2018:

Joseph D. Satterley, Esq.  
Satterley & Kelley, PLLC.  
8700 Westport Road, Suite 202  
Louisville, KY 40242

**RE: Hayes v. Colgate, et al. – Shower to Shower Samples**

Dear Mr. Satterley:

J3 Resources, Inc. (J3) is an analytical laboratory accredited for the analysis of asbestos in air and bulk samples by Analytical Transmission Electron Microscopy (ATEM) and Polarized Light Microscopy (PLM) by the National Voluntary Laboratory Accreditation Program (NVLAP) {Lab Code 200525}.

On May 23, 2018, J3 received sixteen (16) Shower to Shower talcum powder samples from Joseph D. Satterley, Esq. as labeled below:

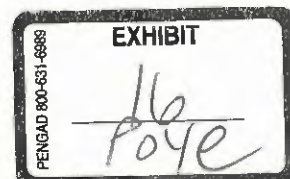
Sample 20180070-07D	Sample 20180061-65D
Sample 20180061-37D	Sample 20180061-66D
Sample 20180061-38D	Sample 20180061-02D
Sample 20180061-45D	Sample 20180061-10D
Sample 20180061-50D	Sample 20180061-15D
Sample 20180061-51D	Sample 20180061-21D
Sample 20180061-52D	Sample 20180061-31F
Sample 20180061-63D	Sample 20180061-31G

Each sample was contained in a sealed jar and contained between 12.8g - 16.7g of material. The package contained a letter from Mr. Satterley authorizing analysis of all 16 talc samples for the presence of regulated asbestos. J3 analyzed the talcum powder samples for the presence and percentage of regulated asbestos utilizing the following appropriate methods:

**ISO 22262-1 (2012) Air quality — Bulk materials —  
Part 1: Sampling and qualitative determination of  
asbestos in commercial bulk materials**

**ISO 22262-2 (2014) Air quality — Bulk materials —  
Part 2: Quantitative determination of asbestos by  
gravimetric and microscopical methods**

**ISO 22262-3 (2016) Air quality — Bulk materials —  
Part 3: Quantitative determination of asbestos by  
X-ray diffraction method**





**The summary of results of this study by ISO 22262 (Parts 1-3) are as follows:**

Talc was found in each of the samples in various forms – plates, fibers, and ribbons. No regulated asbestos was detected in any of the Polarized Light Microscopy analyses conducted on any of the 16 samples indicating that any asbestos present was below the detection limit for this method.

Following gravimetric reduction and heavy liquid separation of all 16 submitted samples, Analytical Transmission Electron Microscopy analysis found regulated asbestos in 11 of the 16 submitted samples. The regulated asbestos fibers were all Anthophyllite asbestos.

X-Ray-Diffraction analysis did not indicate a significant peak in the appropriate range for amphibole asbestos in any of the 16 samples and would also indicate any asbestos present is below the detection limit for this method.

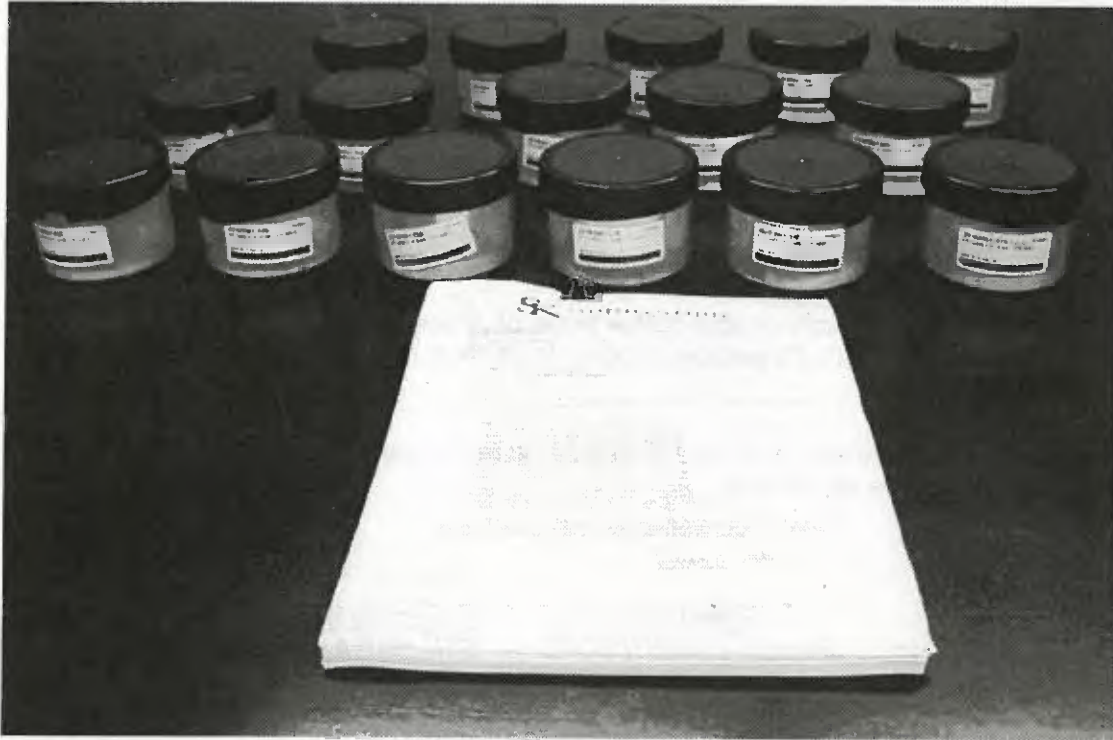
These reports are considered highly confidential and the sole property of the customer. J3 Resources, Inc. will not discuss any part of this study with personnel other than those authorized by the customer. This report shall not be reproduced, except in full, without written approval from J3 Resources, Inc. Samples will be returned or disposed of after 90 (ninety) days unless longer storage is requested. If you should have any questions about this report, please feel free to call me at 713-290-0221.

Sincerely,

A handwritten signature in black ink, appearing to read 'L. Poye', is written over a horizontal line.

Lee W. Poye  
Vice President  
J3 Resources, Inc.

**JH1898969**  
**Analysis of Shower to Shower Talc Samples**



**For:**  
**Joseph D. Satterley, Esquire**  
**Satterley & Kelley, PLLC.**  
**8700 Westport Road, Suite 202**  
**Louisville, KY 40242**  
**(502) 589-5600**

**By:**  
**Lee W. Poye**  
**Vice President**  
**J3 Resources, Inc.**  
**6110 W 34th Street**  
**Houston, TX 77092**

**July 13, 2018**



## INTRODUCTION

The data presented in this report is based on analytical analysis of sixteen (16) Shower to Shower talcum powder samples as received by J3 Resources, Inc. from Joseph D. Satterley, Esq. of Satterley & Kelley, PLLC, on May 23, 2018. The samples were forwarded to and received by J3 via Federal Express Delivery (Air Bill Number 811928628966).

The package contained sixteen (16) Shower to Shower talcum powders each individually sealed within a labeled plastic jar and a letter detailing the scope of work requested. Each jar was sealed with black electrical tape. The samples were logged into the J3 Laboratory Information Management System (LIMS) and the project was assigned the J3 job number JH1898969. Each sample was assigned a specific J3 identification number.

J3 Resources Inc. purchased a four-ounce bottle of *Johnson's Baby Powder* (Lot # 0354RA) from Walgreen's Pharmacy on June 11, 2014 to use as a Laboratory Control Sample.

The "16 Shower to Shower Talc" talcum powder samples were assigned the specific J3 identification numbers as follows:

<u>Client ID</u>	<u>J3 Sample ID</u>
Sample 20180070-07D	= STS 1601A
Sample 20180061-37D	= STS 1602A
Sample 20180061-38D	= STS 1603A
Sample 20180061-45D	= STS 1604A
Sample 20180061-50D	= STS 1605A
Sample 20180061-51D	= STS 1606A
Sample 20180061-52D	= STS 1607A
Sample 20180061-63D	= STS 1608A
Sample 20180061-65D	= STS 1609A
Sample 20180061-66D	= STS 1610A
Sample 20180061-02D	= STS 1611A
Sample 20180061-10D	= STS 1612A
Sample 20180061-15D	= STS 1613A
Sample 20180061-21D	= STS 1614A
Sample 20180061-31F	= STS 1615A
Sample 20180061-31G	= STS 1616A

## **PROCEDURES**

As directed, J3 analyzed each of the talcum powder samples submitted following procedures in ISO 22262-1 (2012), ISO 22262-2 (2014), and ISO 22262-3 (2016):

### ***ISO 22262-1 (2012); Air quality — Bulk materials —***

#### ***Part 1: Sampling and qualitative determination of asbestos in commercial bulk materials.***

This method utilizes Polarized Light Microscopy (PLM) to identify asbestos structures based on unique optical properties present in bulk materials. This method was designed to be utilized when asbestos fibers can be readily separated from the matrix material for identification. Following this analysis, samples may be further characterized by Analytical Transmission Electron Microscopy to improve detection limits. PLM specifically is limited by resolution of the optical microscope and matrix of the sample, thus, fibers smaller than 0.2 $\mu$ m are unlikely to be detected. With appropriate matrix reduction procedures and depending on the analytical technique utilized, the limit of detection with this method can be significantly lower than 0.01%.

### ***ISO 22262-2 (2014) Air quality — Bulk materials —***

#### ***Part 2: Quantitative determination of asbestos by gravimetric and microscopical methods***

This method was designed to quantify samples whose asbestos mass fractions are below 5% by weight and specifically applies to commercially available products containing talc. Samples that contain asbestos at low mass fractions within the sample matrix require additional preparation steps or else microscopic analysis proves to be unreliable. The ability to detect asbestos in this lower range depends on the proportion of non-asbestos material which can be removed from the sample using gravimetric methods. With appropriate matrix reduction procedures (gravimetric reduction, heavy liquid separation, etc.) and the use of Analytical Transmission Electron Microscope, the limit of detection can be significantly lower than 0.001%.

### ***ISO 22262-3 (2016) Air quality — Bulk materials —***

#### ***Part 3: Quantitative determination of asbestos by X-ray diffraction method***

This method utilizes XRD to determine the weight percent of mineral phases in a pelletized sample. This method may allow for a detection limit of 0.1% to be reached if sufficient material is analyzed for a sufficient time. This method cannot differentiate between asbestiform and non-asbestiform phases of minerals.

## **DEFINITIONS**

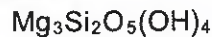
### **Regulated Asbestos**

The term 'Regulated Asbestos' as used in this document refers to the six asbestiform minerals identified by OSHA, NIOSH, and/or USEPA and specifically defined as follows in the methods utilized by this study.

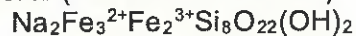
From USEPA 600/R-93/116: – A commercial term applied to the asbestiform varieties of six different minerals. The asbestos types are chrysotile (asbestiform serpentine), amosite (asbestiform grunerite), crocidolite (asbestiform riebeckite), and asbestiform anthophyllite, asbestiform tremolite, and asbestiform actinolite. The properties of asbestos that caused it to be widely used commercially are: 1) its ability to be separated into long, thin, flexible fibers; 2) high tensile strength; 3) low thermal and electrical conductivity; 4) high mechanical and chemical durability, and 5) high heat resistance.

From OSHA ID-191: Asbestos: A term for naturally occurring fibrous minerals. Asbestos includes chrysotile, cummingtonite-grunerite asbestos (amosite), anthophyllite asbestos, tremolite asbestos, crocidolite, actinolite asbestos and any of these minerals which have been chemically treated or altered. The precise chemical formulation of each species varies with the location from which it was mined. Nominal compositions are listed:

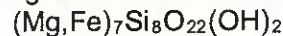
Chrysotile



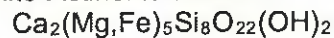
Crocidolite (Riebeckite asbestos)



Cummingtonite-Grunerite asbestos (Amosite)



Tremolite-Actinolite asbestos



Anthophyllite asbestos



NOTE: Anthophyllite and cummingtonite are both regulated asbestos types. For the scope of this report, the term anthophyllite includes all minerals in the anthophyllite - ferro-anthophyllite - cummingtonite solid solution series as documented in Deer *et. al.*, 1974.

### Cleavage Fragment

As defined by ISO 22262-2, a cleavage fragment is a fragment of a crystal that is bounded by cleavage faces. Crushing of non-asbestiform amphibole generally yields elongated fragments that conform to the definition of a fiber, but rarely have aspect ratios exceeding 30:1.

In this report, to differentiate cleavage fragments from fibers, J3 Resources, Inc. will follow the guidelines detailed in the OSHA standard (OSHA 29 CFR 1915.1001 App K) as detailed below.

*"Most cleavage fragments of the asbestos minerals are easily distinguishable from true asbestos fibers. This is because true cleavage fragments usually have larger diameters than 1  $\mu$ m. Internal structure of particles larger than this usually shows them to have no internal fibrillar structure. In addition, cleavage fragments of the monoclinic amphiboles show inclined extinction under crossed polars with no compensator. Asbestos fibers usually show extinction at zero degrees or ambiguous extinction if any at all. Morphologically, the larger cleavage fragments are obvious by their blunt or stepped ends showing prismatic habit. Also, they tend to be acicular rather than filiform.*

*Where the particles are less than 1  $\mu$ m in diameter and have an aspect ratio greater than or equal to 3:1, it is recommended that the sample be analyzed by SEM or TEM if there is any question whether the fibers are cleavage fragments or asbestiform particles."*

### Limit of quantification

From ISO 22262-2 (2014) - The limit of quantification is defined as the detection and identification of one fiber or fiber bundle in the amount of sample examined. The limit of quantification that can be achieved depends on:

- a) the nature of the matrix of the sample;
- b) the size of the asbestos fibers and bundles;
- c) the use of appropriate sample preparation and matrix reduction (gravimetric) procedures;
- d) the amount of time expended on examination of the sample; and,
- e) the method of analysis used, PLM, SEM or TEM.

With appropriate matrix reduction procedures that are selected based on the nature of the sample, the limit of quantification can be lower than 0.001 %.

### **MATERIALS AND EQUIPMENT**

Optical macroscopic sample analysis was performed by using a Leica S6D Stereoscope equipped with a Leica L2 light source and digital camera. PLM analysis was conducted with a Leica DM 750P equipped with a 10X/0.25 polarized dispersion staining objective, a 40X/0.65 objective, a 10x/0.25 objective, a 4x/0.10 objective, and 10X oculars, also fitted with a digital camera. Analysis was conducted between 40x – 400x magnification.

Analytical Transmission Electron Microscope (ATEM) analysis was performed using a JEOL 1200EX ATEM at 100kV equipped with an IXRF Energy Dispersive X-ray Spectroscopy (EDS) analysis system and a Super Ultra-Thin Window (SUTW) high-angle AAT detector. Analysis was conducted between 3,000x and 25,000x magnification. Any particle of interest was analyzed as to its morphological character, elemental composition using EDS, and crystalline pattern using Selected Area Electron Diffraction (SAED). Images of interest were recorded with a digital camera.

X-ray powder diffraction was conducted using a PANalytical CubiX<sup>3</sup> HR X-Ray Diffractometer (XRD) with Bragg-Brentano<sup>HD</sup> optics.



## **RESULTS**

Sample	PLM Analysis ISO 22262-1	TEM Analysis ISO 22262-2		XRD Analysis ISO 22262-3
	Asbestos Type	Asbestos Type	Mass Fraction	Asbestos Type
20180070-07D	None Detected	Anthophyllite	0.00073%	None Detected
20180061-37D	None Detected	Anthophyllite	0.000030%	None Detected
20180061-38D	None Detected	Anthophyllite	0.0037%	None Detected
20180061-45D	None Detected	Anthophyllite	0.0019%	None Detected
20180061-50D	None Detected	None Detected	< 0.000000025%	None Detected
20180061-51D	None Detected	None Detected	< 0.000000024%	None Detected
20180061-52D	None Detected	Anthophyllite	0.0040%	None Detected
20180061-63D	None Detected	Anthophyllite	0.000035%	None Detected
20180061-65D	None Detected	Anthophyllite	0.0092%	None Detected
20180061-66D	None Detected	None Detected	< 0.000000025%	None Detected
20180061-02D	None Detected	None Detected	< 0.000000025%	None Detected
20180061-10D	None Detected	Anthophyllite	0.000026%	None Detected
20180061-15D	None Detected	Anthophyllite	0.0013%	None Detected
20180061-21D	None Detected	None Detected	< 0.000000022%	None Detected
20180061-31F	None Detected	Anthophyllite	0.0029%	None Detected
20180061-31G	None Detected	Anthophyllite	0.00052%	None Detected



**QUALITY ASSURANCE - QUALITY CONTROL**

In addition to normal QA/QC required by the various accrediting bodies, J3 opted to employ additional QA/QC measures specifically for this project. To rule out the possibility of contamination of samples while in the laboratory, J3 Resources, Inc. prepared and analyzed Control Blanks with all talc samples submitted. Additionally, air monitoring was conducted and analyzed using ASTM D6281 protocols during all sample preparations. For a Control Blank, J3 used a currently available brand name consumer talcum powder which was prepared and analyzed alongside preparation and analysis of all customer samples generated during this project.

**No regulated asbestos was detected in the Control Blank.**

**No regulated asbestos was detected in any of the air monitoring samples.**

## REFERENCES

Asbestos Hazard Emergency Response Act. Appendix A to Subpart E - Interim Transmission Electron Microscopy Analytical Methods. U.S. EPA 40 CFR 763. Asbestos-containing materials in schools, final rule and notice. *Federal Register* 1987; 52(210):41857-94.

ASTM. Standard Practice for Asbestos Detection Limit Based on Count. ASTM Designation D6620-06 (Reapproved 2010). West Conshohocken, PA: American Society for Testing and Materials; 2006.

ASTM. Standard Test Method for Airborne Asbestos Concentration in Ambient and Indoor Atmospheres as Determined by TEM Direct Transfer. ASTM Designation D6281-06. West Conshohocken, PA: American Society for Testing and Materials; 2006.

Deer, W.A., Howie, R.A., Zussman, J., *Rock Forming Minerals*, Longman, Thetford, UK, 1974.

Chatfield EJ. A validated method for gravimetric determination of low concentrations of asbestos in bulk materials. In: Beard ME, Rook HL, editors. *Advances in Environmental Measurement Methods for Asbestos*. ASTM STP 1342. West Conshohocken, PA: ASTM 2000. pp. 90-110.

International Standards Organization, ISO 13794. Ambient air: determination of asbestos fibers Indirect-transfer transmission electron microscopy method. Geneva, Switzerland: International Standards Organization; 1999.

International Standards Organization, ISO 22262. Air Quality – Bulk Materials – Part 1: Sampling and qualitative determination of asbestos in commercial bulk materials, 2012.

International Standards Organization, ISO 22262. Air Quality – Bulk Materials – Part 2: Quantitative Determination of Asbestos by Gravimetric and Microscopical Methods, 2014.

International Standards Organization, ISO 22262. Air Quality – Bulk Materials – Part 3: Quantitative Determination of asbestos by X-ray diffraction method, 2016.

Millette, JR, 2011. Asbestos Analysis Methods. In: Dodson, RF and Hammar, SP editors: *Asbestos-Risk Assessment, Epidemiology, and Health Effects – 2<sup>nd</sup> ed.*, Taylor and Francis Publishing. pp. 23-48.

National Institute of Occupational Safety and Health, NIOSH 7400. Asbestos and Other Fibers by Phase Contrast Microscopy (PCM) – Method 7400. *NIOSH Manual of Analytical Methods*. 4<sup>th</sup> ed. Washington, DC: U.S. Dept. of Health & Human Services; 1994. NIOSH Publication #94-113.

National Institute of Standards and Technology, Certificate of Analysis – Standard Reference Material 1867a - Uncommon Commercial Asbestos. Gaithersburg, MD. March 2003.

Occupational Safety and Health Administration: Rules and Regulations, Department of Labor: 29 CFR Parts 1910, 1915 and 1926, 59 FR 40964, RIN: 1218-AB25; Occupational Exposure to Asbestos; August 1994-Final Rule; Appendix B of 1910.1001; 1. Introduction and Appendix K of 1915.1001; Polarized Light Microscopy of Asbestos. 3.5 Analytical Procedure.

U.S. Environmental Protection Agency. Method for the Determination of Asbestos in Bulk Building Materials. EPA-600/R93/116. Washington DC U.S. Environmental Protection Agency. July 1993.

Verkouteren, J.R.; Wylie, A.G.; *The Tremolite-Actinolite-Ferro-Actinolite Series: Systematic Relationships Among Cell Parameters, Composition, Optical Properties and Habit, and Evidence of Discontinuities*; American Mineralogist, Vol. 85, pp. 1239-1354 (2000).



## **Appendix A**

# **General Observations of Fibrous Components**



## Typical ATEM Grid Loading



SIS-10\_003  
Filter Loading  
Microscopist: LWP

10  $\mu$ m  
HV=100kV  
Direct Mag: 200 x  
J3 Resources, Inc.

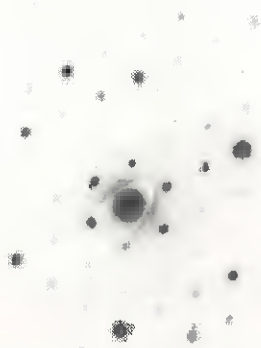


## Talc Fiber (Typical) Morphology and Diffraction Pattern



S19-10-001  
Talc Fiber  
Microscopist: LWP

2  $\mu$ m  
HV=100KV  
Direct Mag: 5000 x  
J3 Resources, Inc.



S19-10-002  
Talc Fiber - SAED  
Microscopist: LWP

0.2 (1/A)  
HV=100KV  
Cam Lenc: 0.8000 m  
J3 Resources, Inc.



## Talc Ribbon (Typical) - Morphology Demonstrating Typical Kink



STS-09-001.tif  
Talc Ribbon  
Microscopist: LWP

500 nm  
HV=100kV  
Direct Mag: 30000 x  
JS Resources, Inc.





## Talc Ribbon (Typical) - Morphology (0° and 40° Rotation)



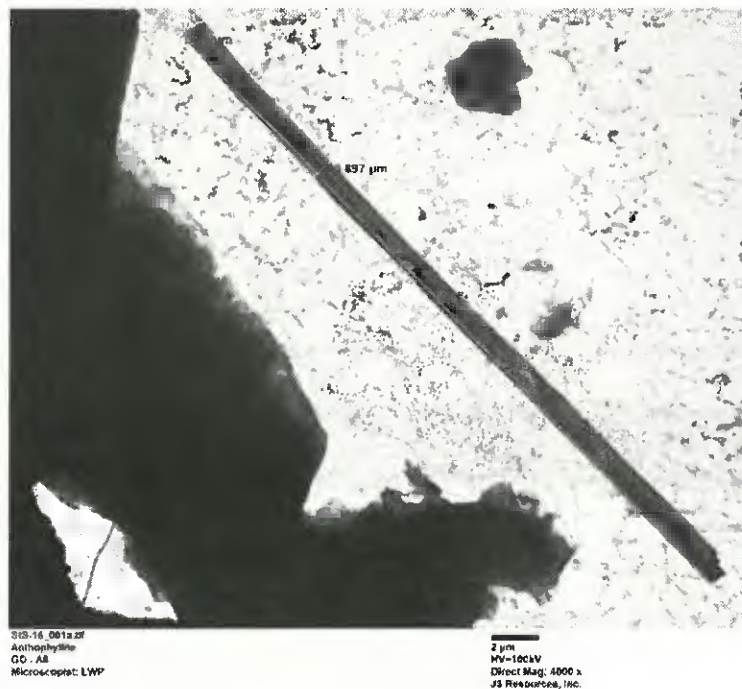
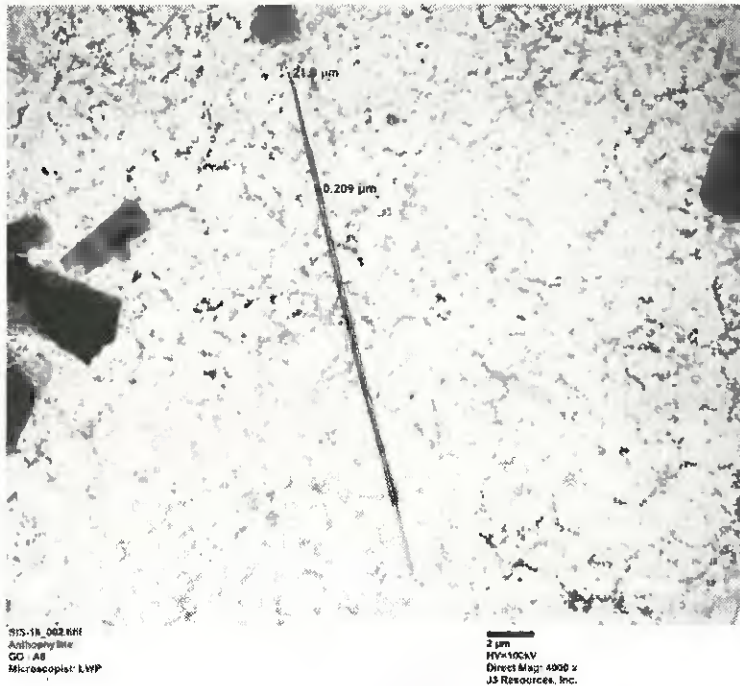


## Anthophyllite Fiber Morphology and Diffraction Pattern





## Anthrophyllite Fiber Morphology – Aspect Ratios > 20:1



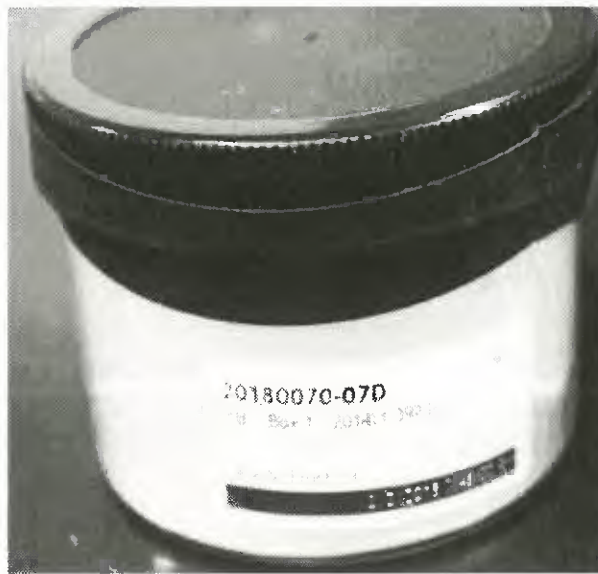
# **APPENDIX B**

## **LABORATORY REPORTS**



## **Sample 20180070-07D**

**(J3 Lab ID: STS 1601A)**



**Sample as received by J3 Resources, Inc.**





## Determination of Asbestos in Talc by PLM

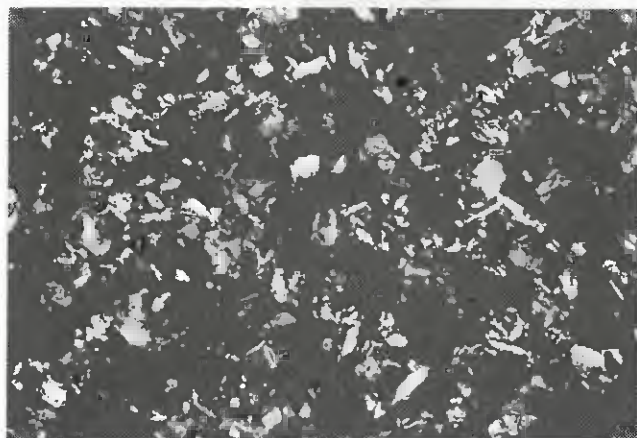
ISO 22262-1:2014

### Sample 20180070-07D

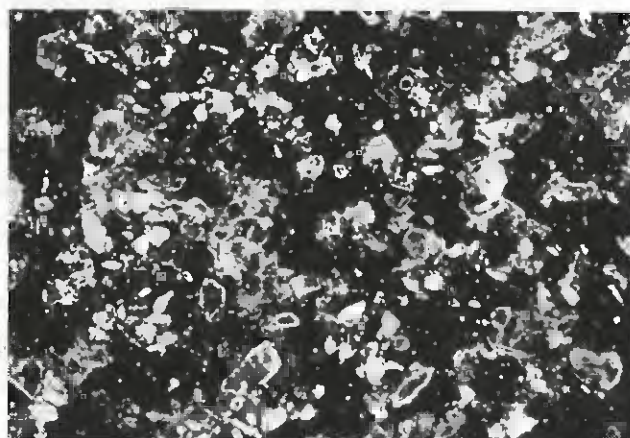
The sample was a white powder containing 85% medium to large platy Talc particles (100 $\mu$ m to >200 $\mu$ m in size) and Talc rods. The remaining 15% percent was composed of carbonate material.

No asbestos was detected by PLM.

### Polarized Light Microscope Images



*100X Magnification of Talc Particles  
Crossed polars and 530nm gypsum  
compensator plate*



*100X Magnification dispersion  
staining of Talc Particles  
1.550 refractive index oil*





## Determination of Asbestos in Talc by ATEM

ISO 22262-2:2014

**Sample 20180070-07D**

J3 Order #: JH1898969

Analyst: Lee Poye

Customer: Joseph Satterley, Esq.

Date: 30-Jun-2018

Weight of Sample*:	0.0176 g	Filter Size:	25 mm
Percent of Original Sample*:	81%	Filter Pore Size:	0.2 $\mu\text{m}$
Suspension Volume:	1.5 mL	Area of Analytical Filter:	210 $\text{mm}^2$
Filtered Suspension Volume:	0.1 mL	GO Size:	0.0132 $\text{mm}^2$
		GO Area Analyzed:	1.056 $\text{mm}^2$

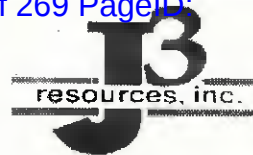
### Results Summary

Asbestos Structure Number	Length ( $\mu\text{m}$ )	Width ( $\mu\text{m}$ )	Aspect Ratio	Asbestos Type
1	3.5	0.25	14	Anthophyllite
2	6	0.4	15	Anthophyllite
3	7.5	0.2	37.5	Anthophyllite
4	11	0.6	18.3	Anthophyllite
5	4	0.25	16	Anthophyllite
6	14	1.1	12.7	Anthophyllite
7	8.5	0.4	21.3	Anthophyllite
8	9	0.6	15	Anthophyllite
9	10	0.9	11.1	Anthophyllite
AVERAGE	8.2	0.52	15.6	

Total Asbestos Structures:	9
Anthophyllite Density:	3000 $\text{kg/m}^3$
Cross-section Shape Factor (Amphibole):	0.5

Asbestos Mass Fraction:	0.00090%
Asbestos Mass Fraction of Original Sample:	0.00073%

\* Sample was previously gravimetrically reduced.



# Determination of Asbestos in Talc by ATEM

## LAB WORKSHEET

Customer: Joseph Satterley, Esq.

Analyst: Lee Poye

J3 Order #: JH1898969

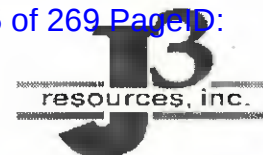
Date: 30-Jun-2018

Sample #: 20180070-07D

Page: 1 of 3

### Magnification Scan at 3,000X

Grid	G.O. #	Non-Asbestos	Asbestos Tally	L x W (µm)	TYPE	Images			Comments
						EDS	Morphology	SAED	
1									
	B1		NSD						
	B2		NSD						
	B3		NSD						
	B4		NSD						
	B5		NSD						
	B6		NSD						
	B7		NSD						
	B8		1	3.5 x 0.25	Anthophyllite	Yes	01	02	Zone Axis [1 0 1]
	B9		NSD						
	B10		NSD						
	D1		NSD						
	D2		NSD						
	D3		NSD						
	D4		NSD						
	D5		NSD						
	D6		NSD						
	D7		NSD						
	D8		NSD						
	D9		NSD						
	D10		NSD						
2									
	H1		NSD						
	H2		NSD						
	H3		NSD						
	H4		NSD						
	H5		NSD						
	H6		NSD						
	H7		NSD						
	H8		NSD						
	H9		NSD						
	H10		NSD						
	C1		NSD						
	C2		2	6 x 0.40	Anthophyllite	Yes	07	08	
	C3		NSD						
	C4		NSD						
	C5		3	7.5 x 0.20	Anthophyllite	Yes	09		



# Determination of Asbestos in Talc by ATEM

## LAB WORKSHEET

Customer: Joseph Satterley, Esq.

Analyst: Lee Poye

J3 Order #: JH1898969

Date: 30-Jun-2018

Sample #: 20180070-07D

Page: 2 of 3

### Magnification Scan at 3,000X

Grid	G.O. #	Non-Asbestos	Asbestos Tally	L x W (µm)	TYPE	Images			Comments
						EDS	Morphology	SAED	
2	C5		4	11 x 0.60	Anthophyllite	Yes			
	C6		NSD						
	C7		5	4 x 0.25	Anthophyllite	Yes	10	11	
	C8		NSD						
	C9		6	14 x 1.10	Anthophyllite	Yes	06	05	
	C10		7	8.5 x 0.40	Anthophyllite	Yes	03	04	
3									
	I1		NSD						
	I2		NSD						
	I3		NSD						
	I4		8	9 x 0.60	Anthophyllite	Yes	13	12	
	I5		NSD						
	I6		NSD						
	I7		NSD						
	I8		NSD						
	I9		NSD						
	I10		NSD						
	D1		NSD						
	D2		NSD						
	D3		NSD						
	D4		NSD						
	D5		NSD						
	D6		NSD						
	D7		NSD						
	D8		NSD						
	D9		NSD						
	D10		NSD						
4									
	H1		NSD						
	H2		NSD						
	H3		NSD						
	H4		9	10 x 0.90	Anthophyllite	Yes			
	H5		NSD						
	H6		NSD						
	H7		NSD						
	H8		NSD						



## LAB WORKSHEET

Page: 3 of 3

Page 25 of 268



## Sample 20180070-07D

### Structure 1 - Morphology



StS-01 Full Quant\_001  
Anthophyllite  
GO - 88  
11:11:46 6/27/2018  
Microscopist: LWP

600 nm  
HV=100kV  
Direct Mag: 25000 x  
J3 Resources, Inc.

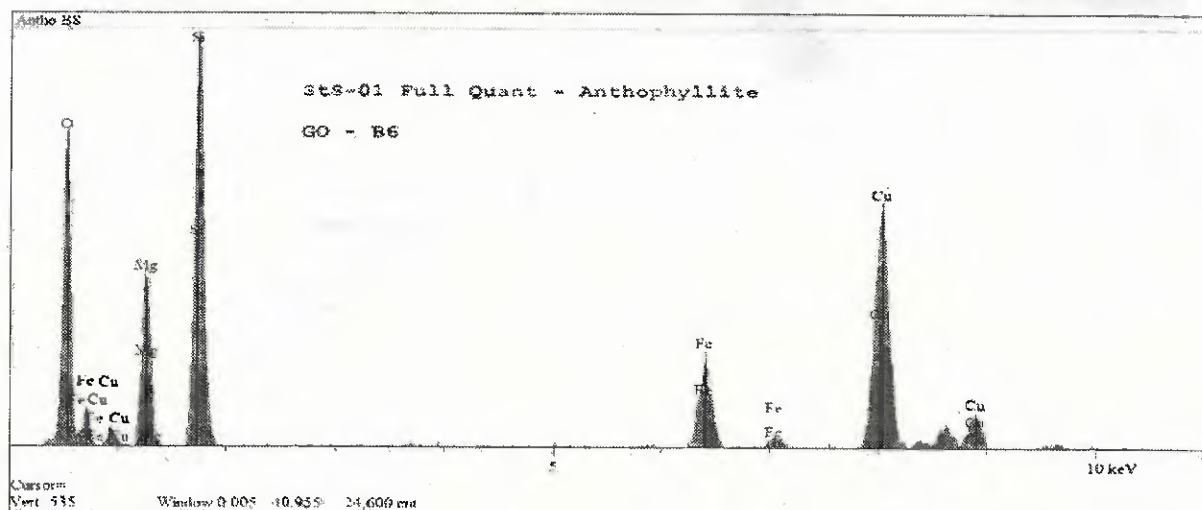


## Sample 20180070-07D

### Structure 1 – Diffraction Pattern and EDS

SIS-01 Full Quant\_002 ZA.tif  
Anthophyllite - SAED - ZA (1 0 1)  
GO - B6  
11:15:13 6/27/2018  
Microscopist: LWP

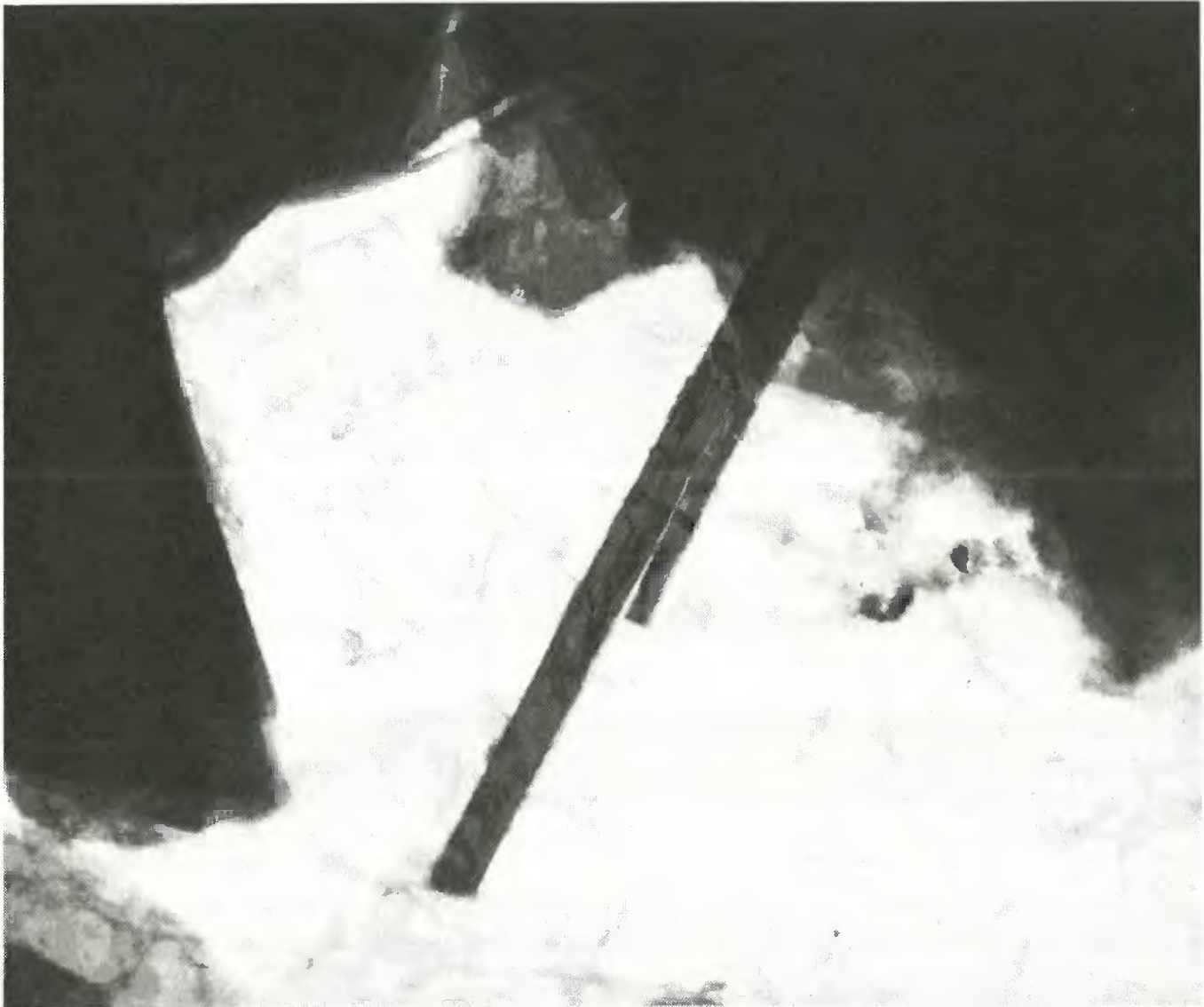
0.2 (1/A)  
HV=100kV  
Cam Len: 0.5000 m  
J3 Resources, Inc.







## Sample 20180070-07D Structure 2 - Morphology



StS-01 Full Quant\_007  
Anthophyllite  
GD - C2  
Microscopist: LWP

600 nm  
HV=100kV  
Direct Mag: 20000 x  
J3 Resources, Inc.

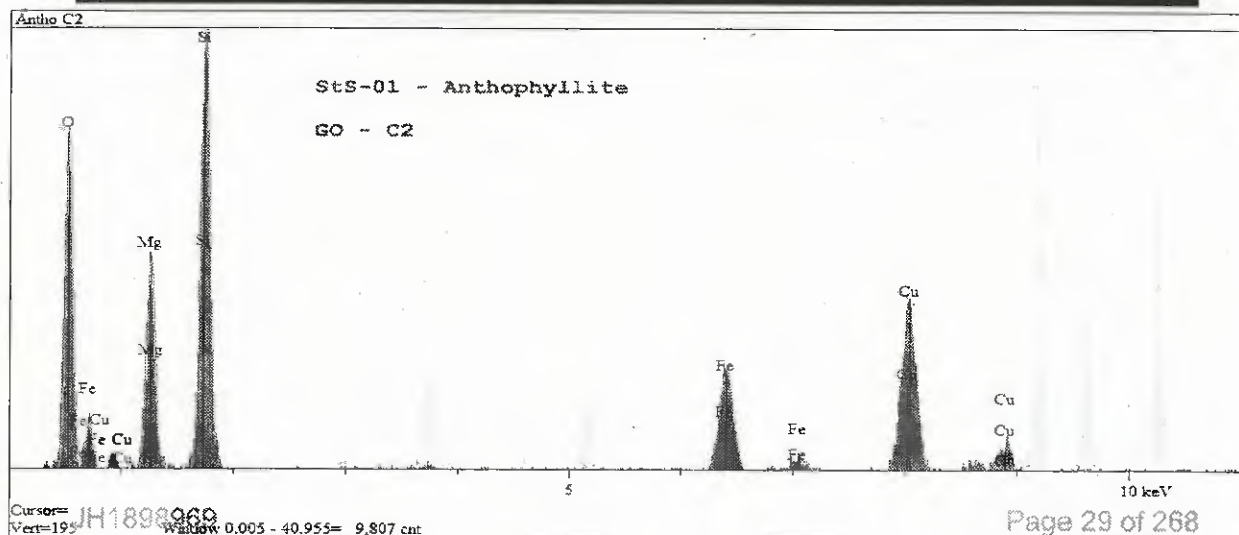


## Sample 20180070-07D

### Structure 2 – Diffraction Pattern and EDS

StS-01 Full Quant\_008  
Anthophyllite - SAED  
GO - C2  
Microscopist: LWP

0.2 (1/A)  
HV=100kV  
Cam Len: 0.8000 m  
J3 Resources, Inc.





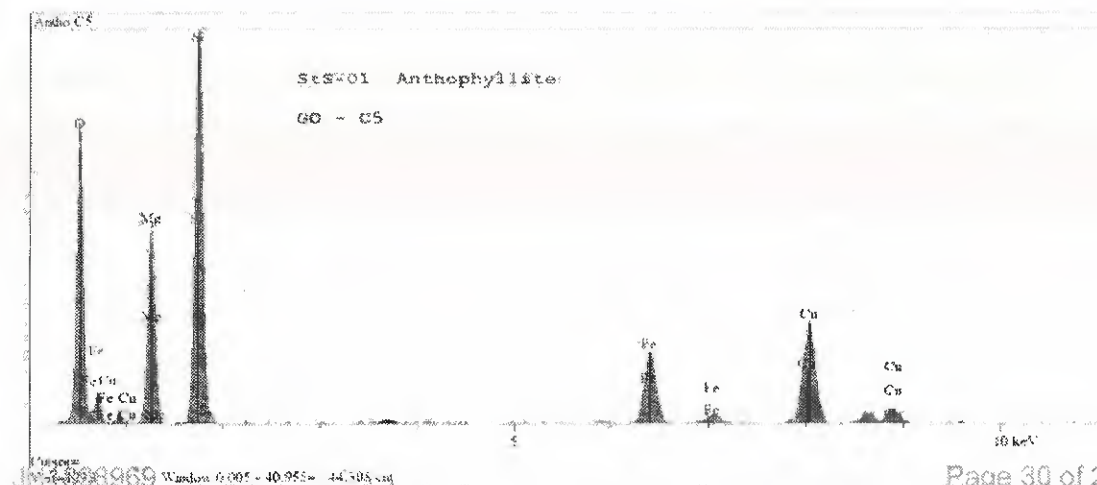
## Sample 20180070-07D

### Structure 3 – Morphology and EDS



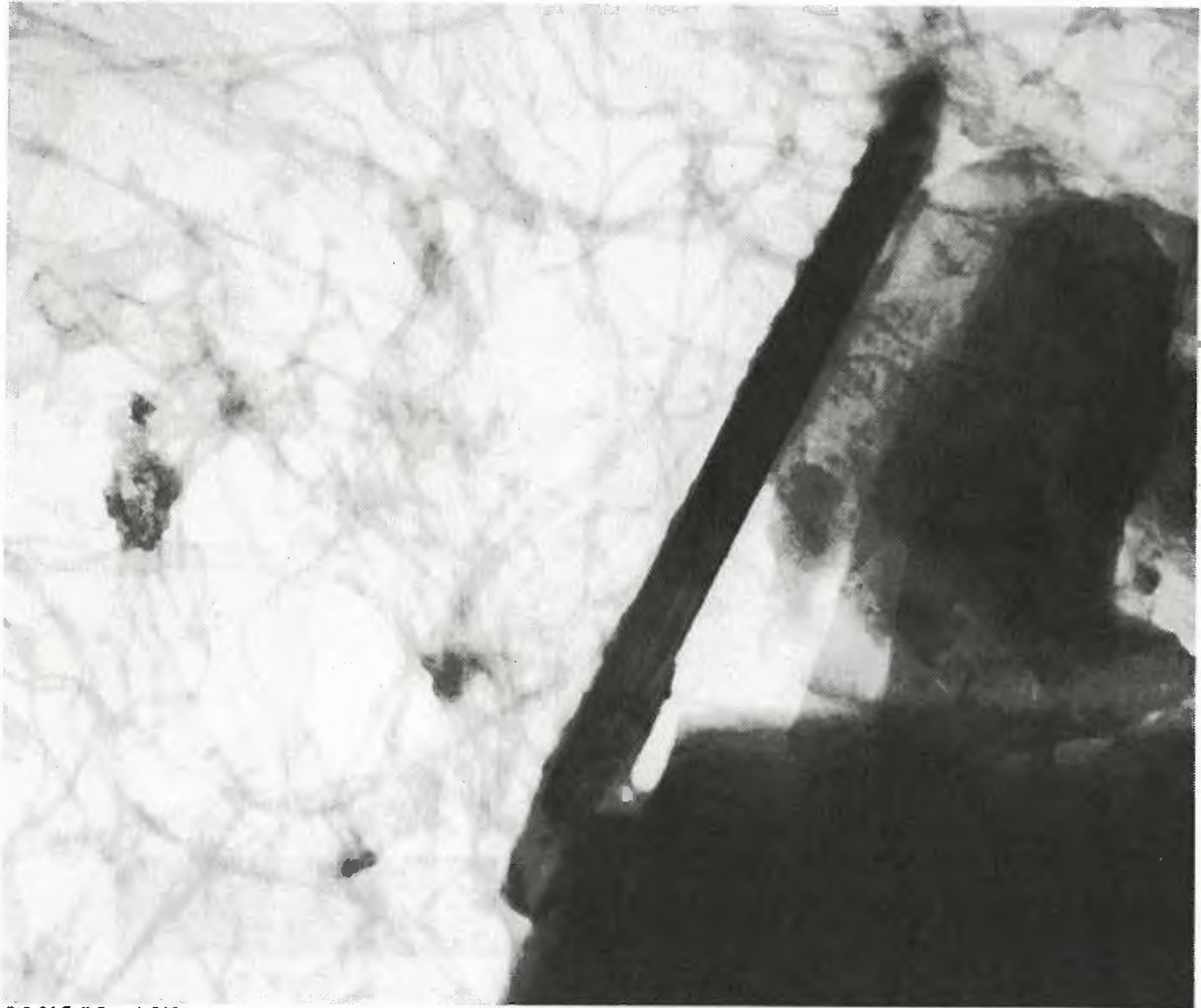
StS-01 Full Quant\_009  
Anthophyllite  
GO - C5  
Microscopist: LWP

1  $\mu$ m  
HV=100kV  
Direct Mag: 15000 x  
J3 Resources, Inc.





## Sample 20180070-07D Structure 5 - Morphology



StS-01 Full Quant\_D10  
Anthophyllite  
GO - C7  
Microscopist: LWP

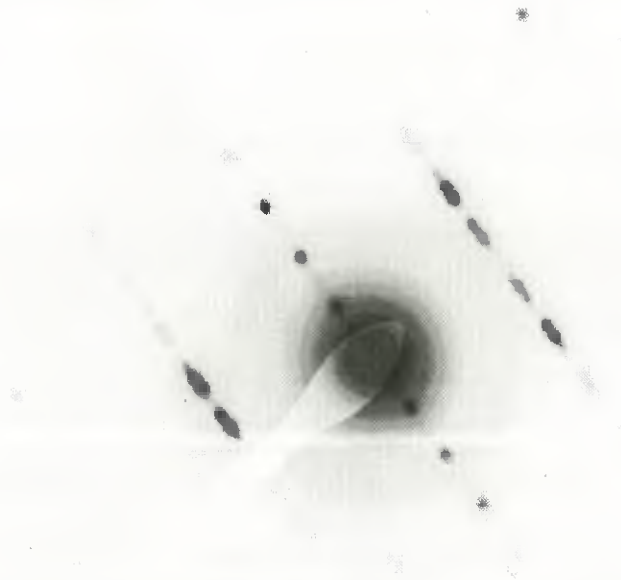
600 nm  
HV=100kV  
Direct Mag: 25000 x  
J3 Resources, Inc.





## Sample 20180070-07D

### Structure 5 – Diffraction Pattern



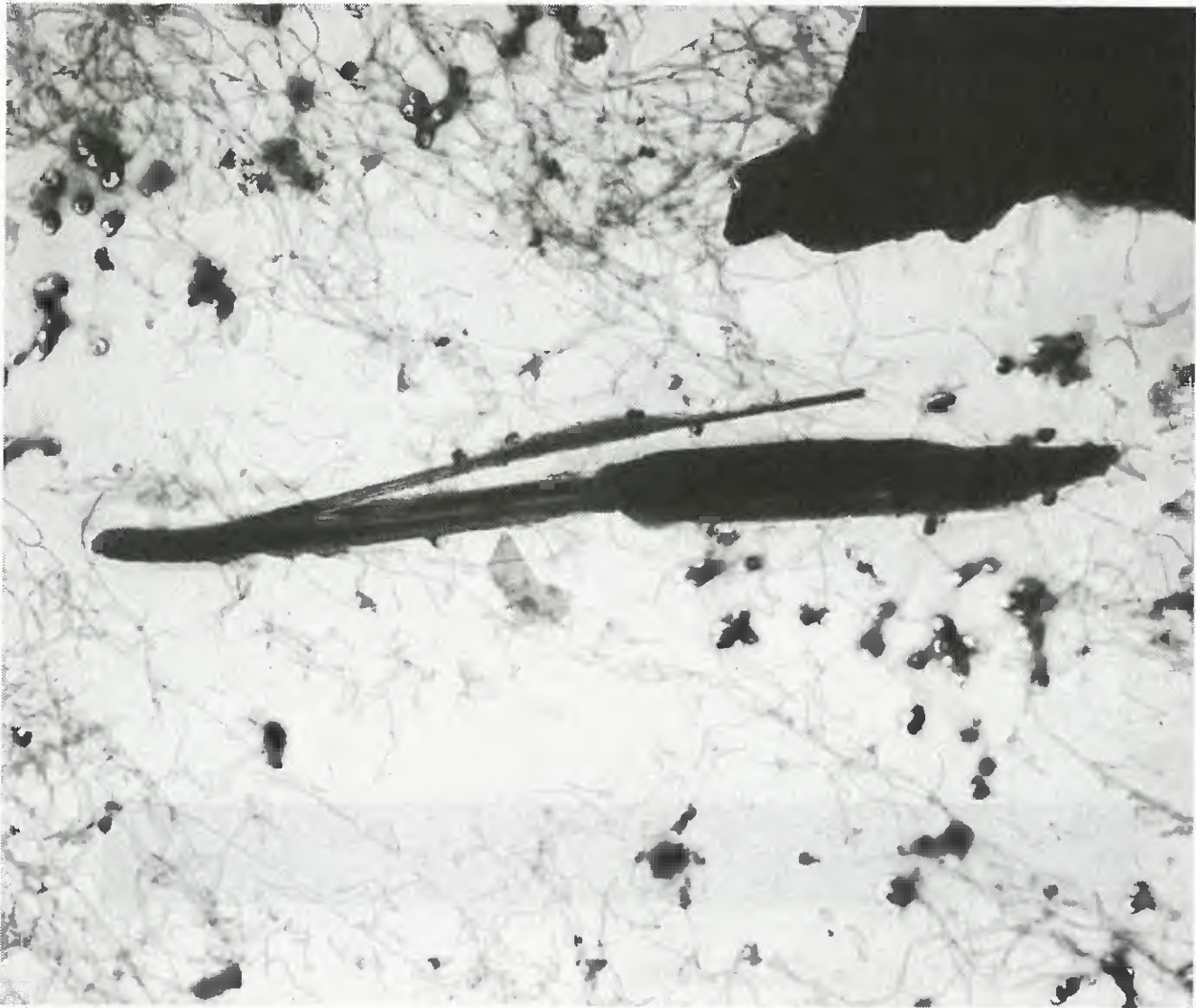
StS 01 Full Quant\_011  
Anthophyllite - SAED  
GO - C7  
Microscopist: LWP

0.2 (1/A)  
HV=100kV  
Cam Len: 0.8000 m  
J3 Resources, Inc.





## Sample 20180070-07D Structure 6 - Morphology



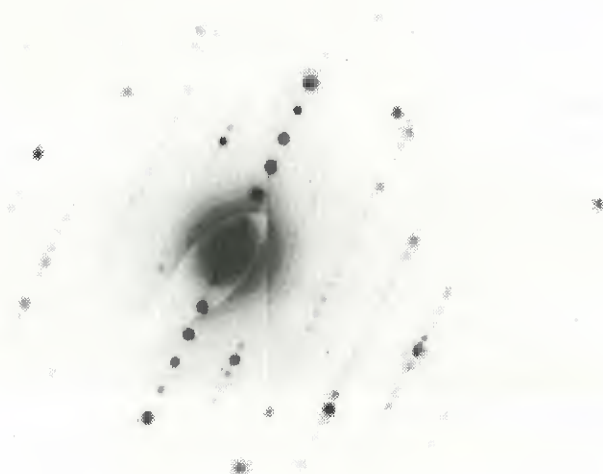
StS-01 Full Quant\_006  
Anthophyllite  
GO - C9  
Microscopist: LWP

2  $\mu$ m  
HV=100kV  
Direct Mag: 7500 x  
J3 Resources, Inc.



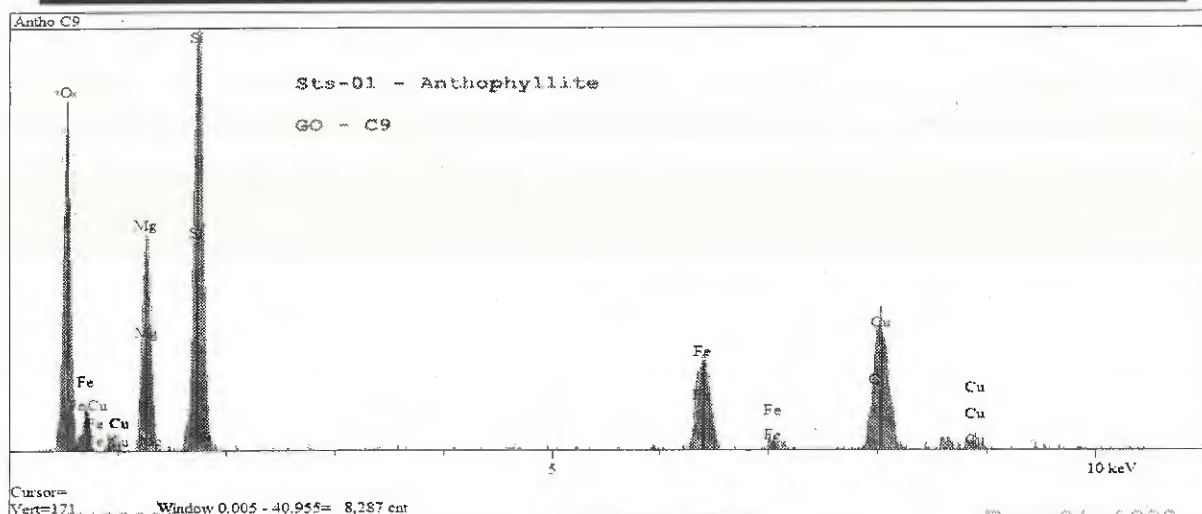
## Sample 20180070-07D

### Structure 6 – Diffraction Pattern and EDS



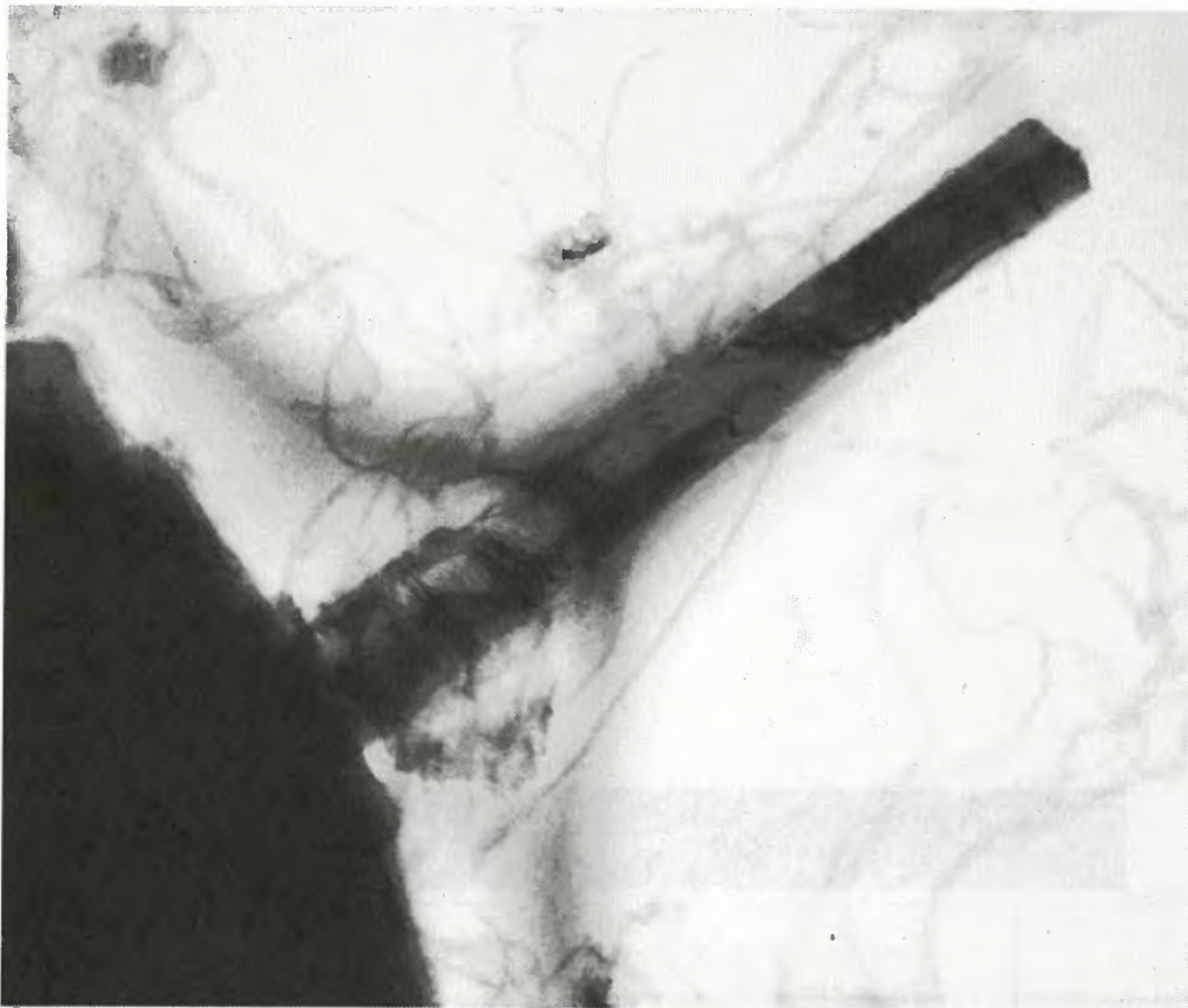
Sts-01 Full Quant\_005  
Anthophyllite - SAED  
GO - C9  
Microscopist: LWP

0.2 (1/A)  
HV=100kV  
Cam Len: 0.6000 m  
J3 Resources, Inc.





## Sample 20180070-07D Structure 7 - Morphology



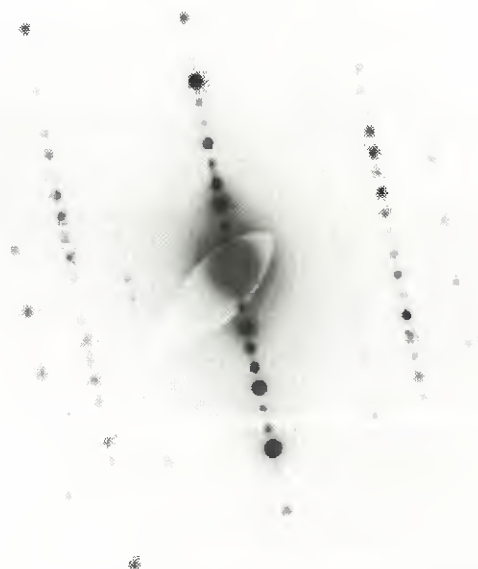
StS-01 Full Quant\_003 Z.A.tif  
Anthophyllite - SAED - ZA [1 0 1]  
GO - C10  
Microscopist: LWP  
Microscopist: LWP

600 nm  
HV=100kV  
Direct Mag: 25000 x  
J3 Resources, Inc.



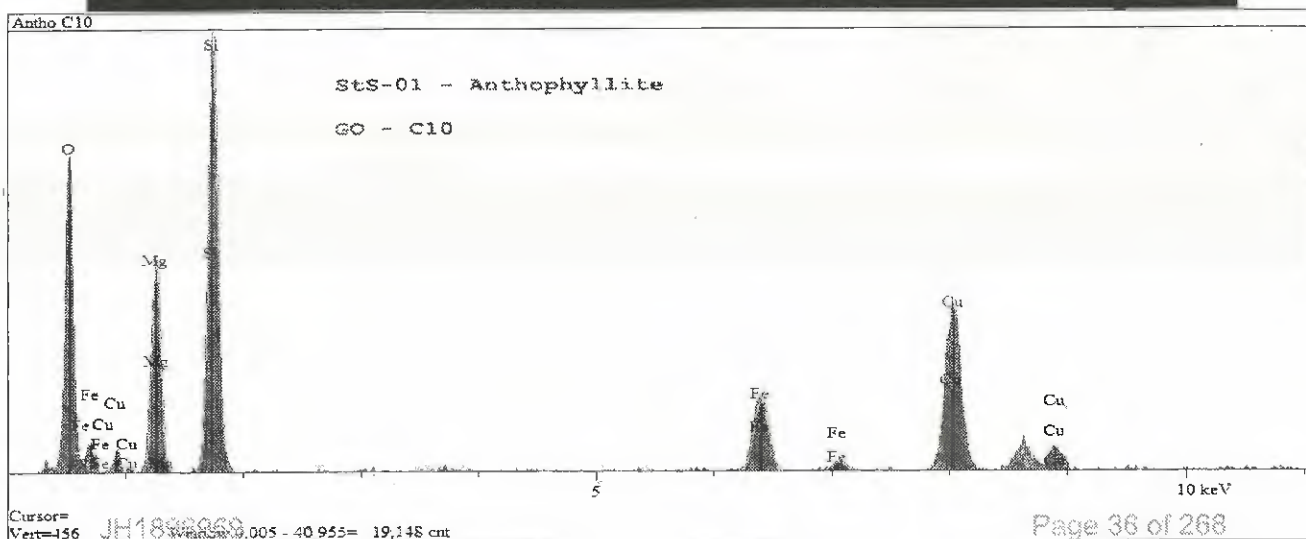
## Sample 20180070-07D

### Structure 7 – Diffraction Pattern and EDS



StS-01 Full Quant\_004  
Anthophyllite - SAED  
GO - C10  
Microscopist: LWP

0.2 (1/A)  
HV=100kV  
Cam Len: 0.8000 m  
J3 Resources, Inc.

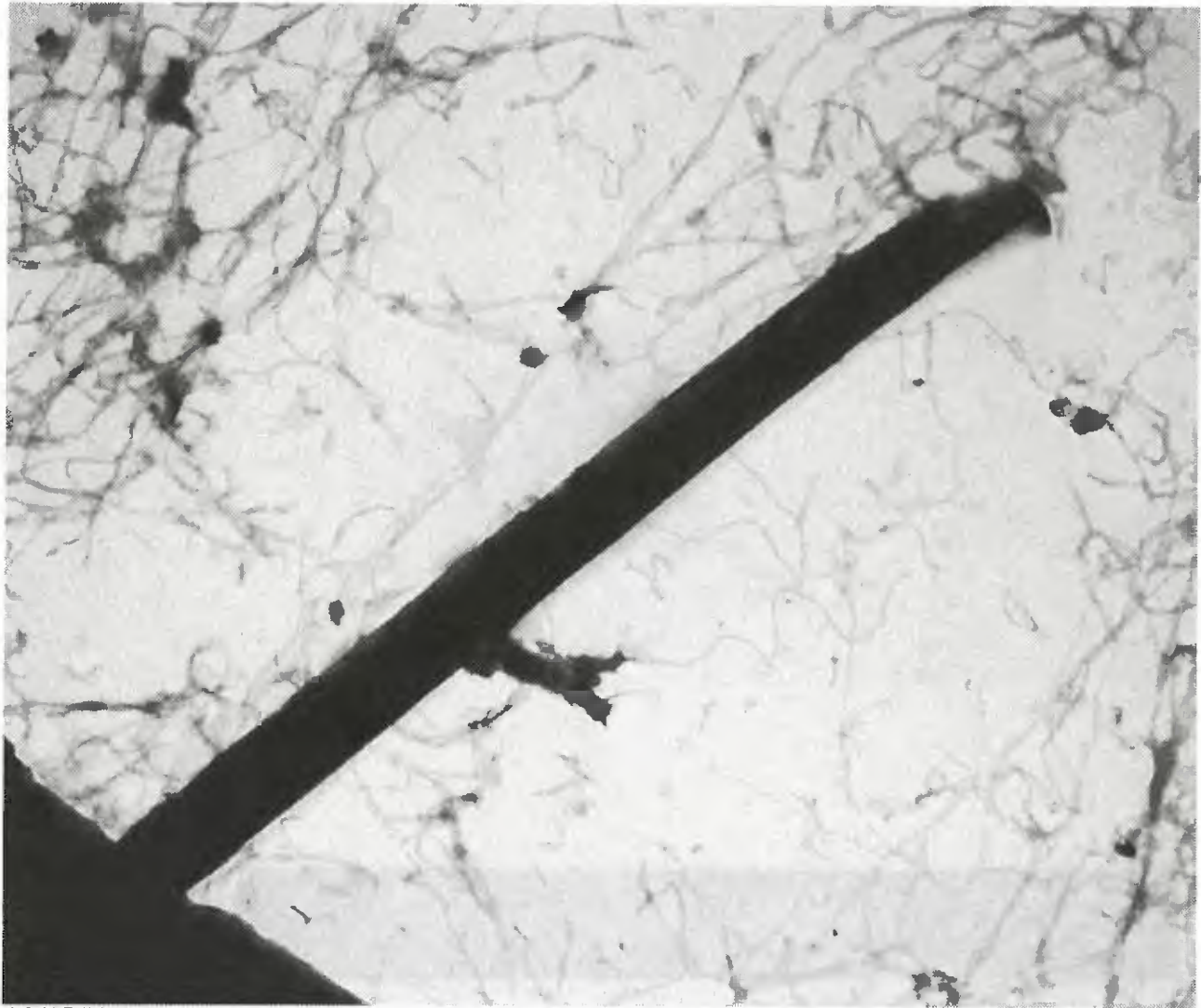






## Sample 20180070-07D

### Structure 8 - Morphology



StS-01 Full Quant\_013  
Anthophyllite  
Grid 3 GO - I4  
Microscopist: LWP

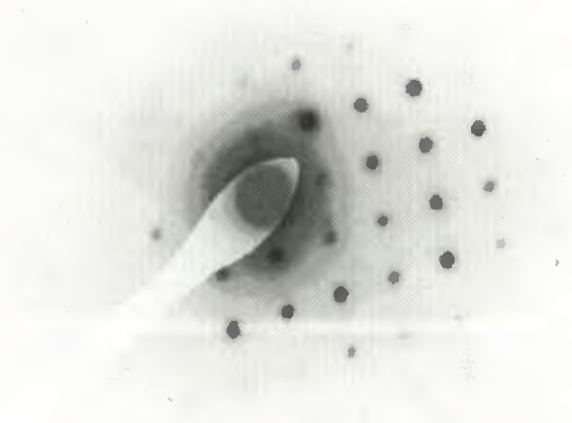
1  $\mu$ m  
HV=100kV  
Direct Mag: 12000 x  
J3 Resources, Inc.





## Sample 20180070-07D

### Structure 8 – Diffraction Pattern

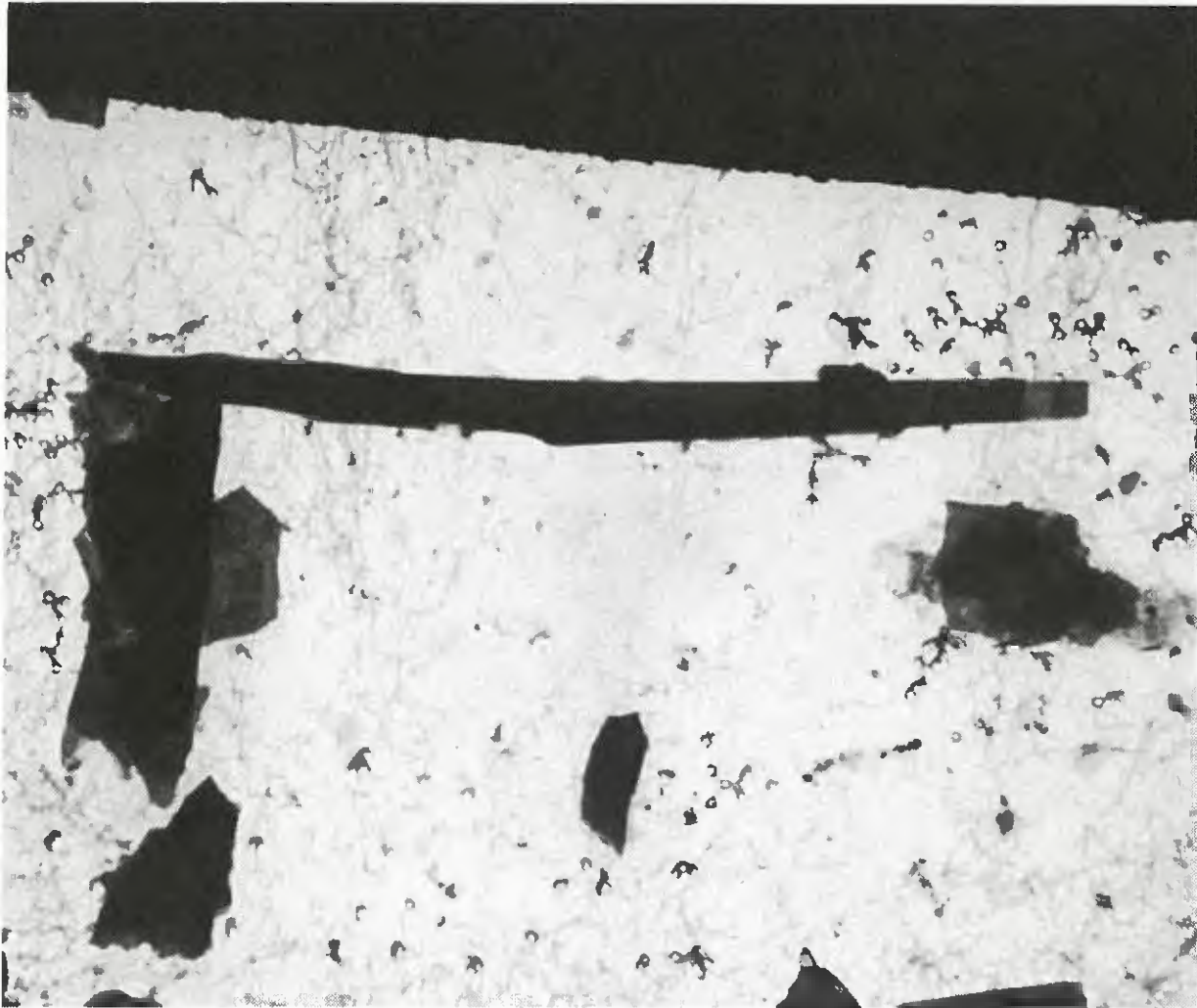


SIS-01 Full Quant. 012  
Anthophyllite - SAED  
Grid 3 GO - 14  
Microscopist: LWP

0.2 (1/Å)  
HV=100kV  
Cam Len: 0.8000 m  
J3 Resources, Inc.



## Sample 20180070-07D Talc Fiber (GO E2) - Morphology



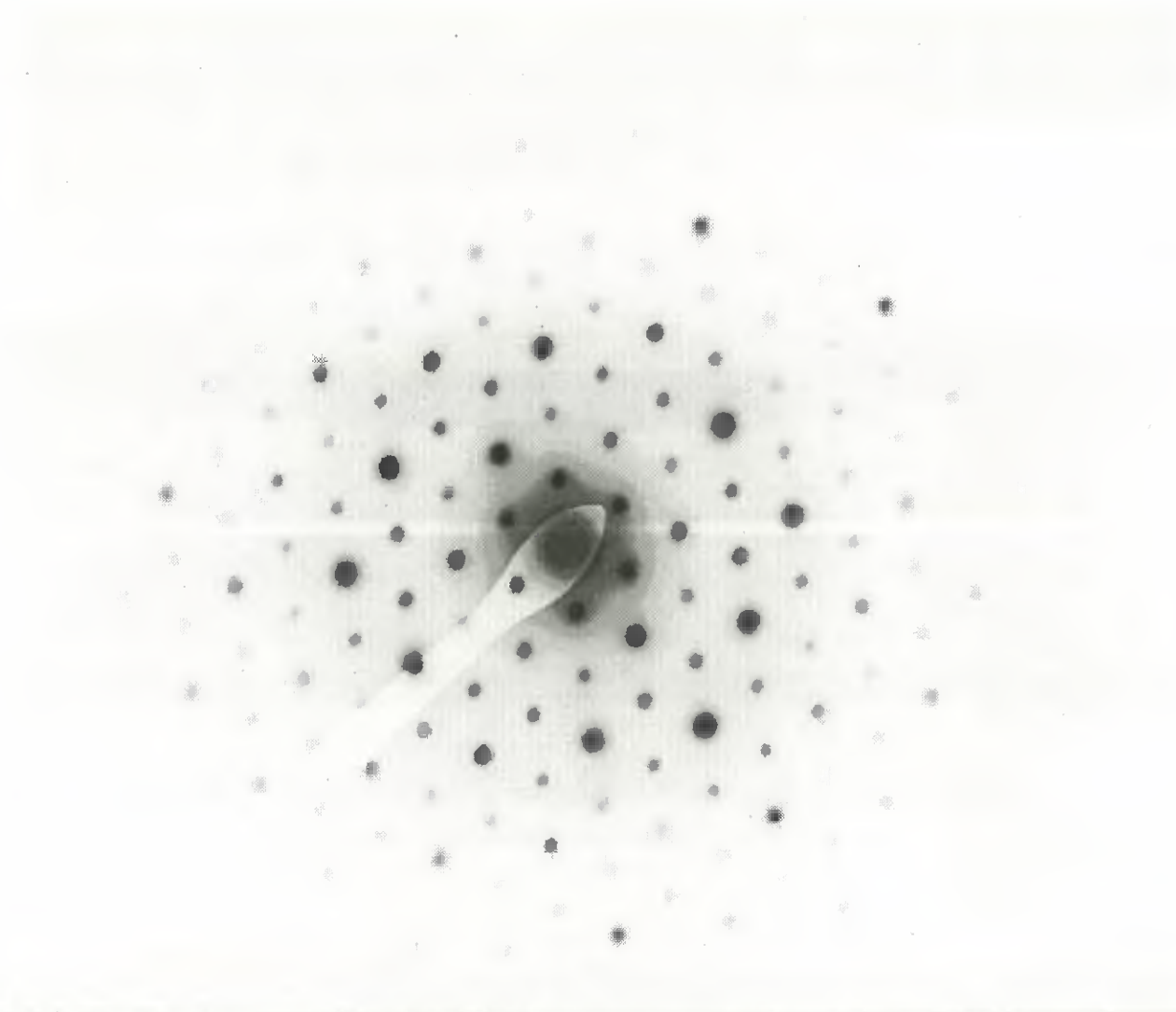
StS-01 Full Quant\_014  
Talc  
Grid 3 GO - E2  
Microscopist: LWP

2  $\mu$ m  
HV=100kV  
Direct Mag: 4000 x  
J3 Resources, Inc.



## Sample 20180070-07D

### Talc Fiber (GO E2) - Diffraction Pattern



StS-01 Full Quant\_015  
Talc - SAED  
Grid 3 GO - E2  
Microscopist: LWP

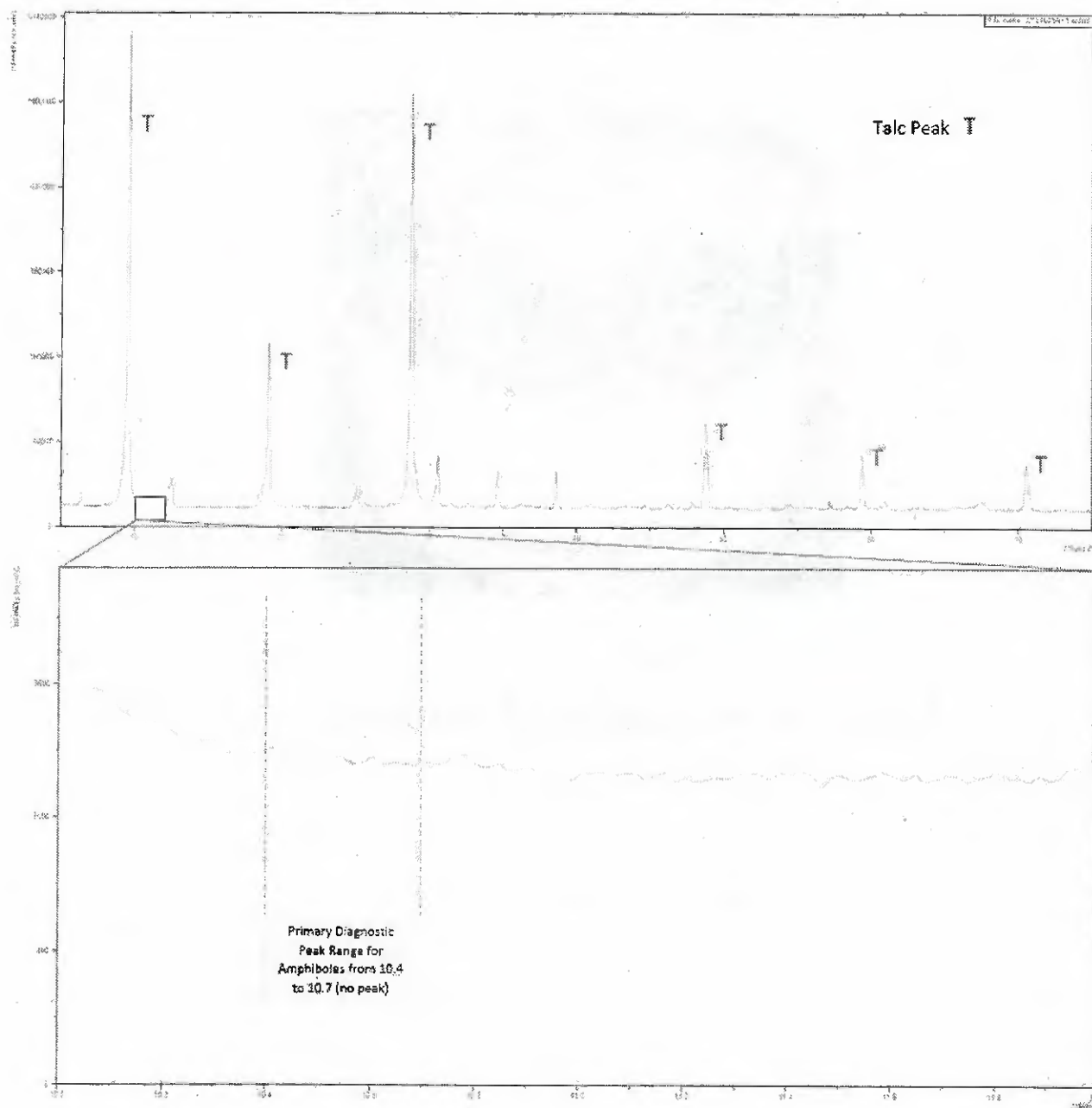
0.2 (1/Å)  
HV=100kV  
Cam Len: 0.8000 m  
J3 Resources, Inc.



# Determination of Asbestos in Talc by XRD

ISO 22262-3:2016

Sample 20180070-07D

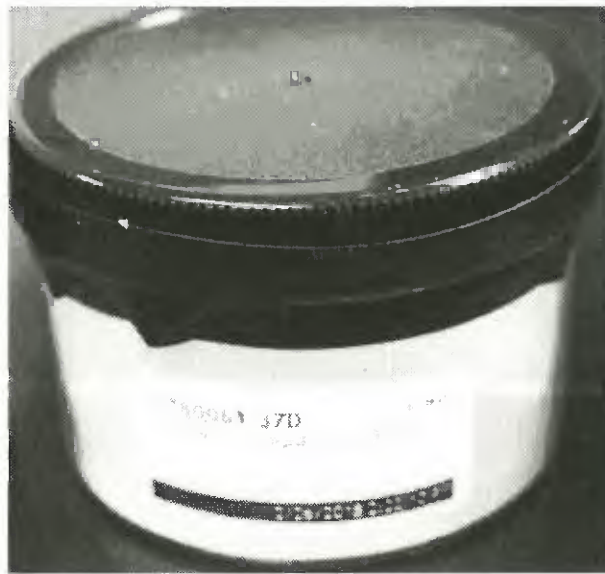


**No Amphibole Peak Present**





## **Sample 20180061-37D** **(J3 Lab ID: STS 1602A)**



Sample as received by J3 Resources, Inc.



## Determination of Asbestos in Talc by PLM

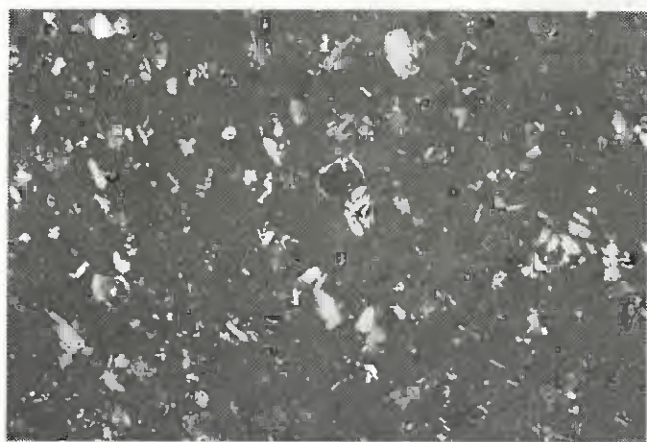
ISO 22262-1:2014

### Sample 20180061-37D

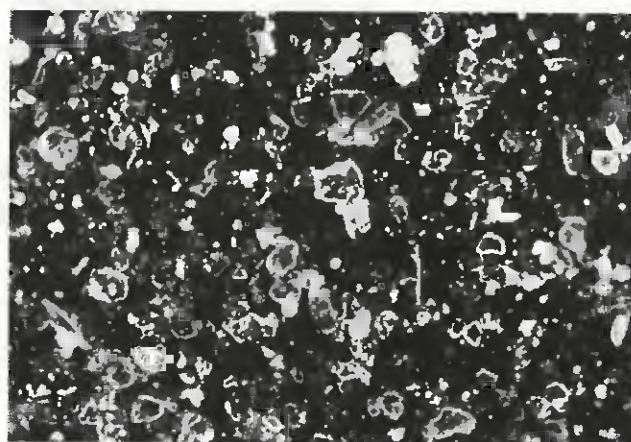
The sample was a white powder containing 85% medium to large platy Talc particles (100 $\mu$ m to >200 $\mu$ m in size) and Talc rods. The remaining 15% percent was composed of carbonate material.

No asbestos was detected by PLM.

## Polarized Light Microscope Images



*100X Magnification of Talc Particles  
Crossed polars and 530nm gypsum  
compensator plate*



*100X Magnification dispersion  
staining of Talc Particles  
1.550 refractive index oil*



## Determination of Asbestos in Talc by ATEM

ISO 22262-2:2014

**Sample 20180061-37D**

J3 Order #: JH1898969

Analyst: Lee Poye

Customer: Joseph Satterley, Esq.

Date: 30-Jun-2018

Weight of Sample*:	0.0174 g	Filter Size:	25 mm
Percent of Original Sample*:	80%	Filter Pore Size:	0.2 $\mu\text{m}$
Suspension Volume:	1.5 mL	Area of Analytical Filter:	210 mm <sup>2</sup>
Filtered Suspension Volume:	0.1 mL	GO Size:	0.0132 mm <sup>2</sup>
		GO Area Analyzed:	1.056 mm <sup>2</sup>

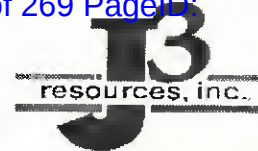
### Results Summary

Asbestos Structure Number	Length ( $\mu\text{m}$ )	Width ( $\mu\text{m}$ )	Aspect Ratio	Asbestos Type
1	16	0.3	53.3	Anthophyllite
AVERAGE	16	0.3	53.3	

Total Asbestos Structures:	1
Anthophyllite Density:	3000 kg/m <sup>3</sup>
Cross-section Shape Factor (Amphibole):	0.5

Asbestos Mass Fraction:	0.000037%
Asbestos Mass Fraction of Original Sample:	0.000030%

\* Sample was previously gravimetrically reduced.



# Determination of Asbestos in Talc by ATEM

## LAB WORKSHEET

Customer: Joseph Satterley, Esq.

Analyst: Lee Poye

J3 Order #: JH1898969

Date: 30-Jun-2018

Sample #: 20180061-37D

Page: 1 of 3

### Magnification Scan at 3,000X

Grid	G.O. #	Non-Asbestos	Asbestos Tally	L x W (μm)	TYPE	Images			Comments
						EDS	Morphology	SAED	
1									
	D1		NSD						
	D2		NSD						
	D3		NSD						
	D4		NSD						
	D5		NSD						
	D6		NSD						
	D7		NSD						
	D8		NSD						
	D9		NSD						
	D10		NSD						
	H1	✓	NA	9.6 x 2.60	Tremolite	Yes	06	07	Cleavage Fragment
	H2		NSD						
	H3		NSD						
	H4	✓	NA	19 x 0.50	Talc	Yes	09		Ribbon
	H5	✓	NA	36 x 1.20	Talc	Yes	10	11	Fiber
	H6		NSD						
	H7	✓	NA	13 x 1.30	Talc	Yes			Fiber
	H8		NSD						
	H9		NSD						
	H10		NSD						
2									
	C1		NSD						
	C2		NSD						
	C3		NSD						
	C4		NSD						
	C5		NSD						
	C6		1	16 x 0.30	Anthophyllite	Yes	12	13	
	C7		NSD						
	C8		NSD						
	C9		NSD						
	C10	✓	NSD	31 x 2.70	Talc	Yes			
	G1		NSD						
	G2		NSD						
	G3		NSD						
	G4		NSD						
	G5		NSD						



**Determination of Asbestos in Talc by ATEM****LAB WORKSHEET****Customer:** Joseph Satterley, Esq.**Analyst:** Lee Poye**J3 Order #:** JH1898969**Date:** 30-Jun-2018**Sample #:** 20180061-37D**Page:** 2 of 3**Magnification Scan at 3,000X**

Grid	G.O. #	Non-Asbestos	Asbestos Tally	L x W (µm)	TYPE	Images			Comments
						EDS	Morphology	SAED	
2									
	G6		NSD						
	G7		NSD						
	G8		NSD						
	G9		NSD						
	G10	✓	NA	31 x 2.70	Talc	Yes			
3									
	C1		NSD						
	C2		NSD						
	C3		NSD						
	C4		NSD						
	C5		NSD						
	C6		NSD						
	C7		NSD						
	C8		NSD						
	C9		NSD						
	C10		NSD						
	J1		NSD						
	J2		NSD						
	J3		NSD						
	J4		NSD						
	J5		NSD						
	J6		NSD						
	J7		NSD						
	J8		NSD						
	J9		NSD						
	J10		NSD						
4									
	B1		NSD						
	B2		NSD						
	B3		NSD						
	B4		NSD						
	B5		NSD						
	B6		NSD						
	B7		NSD						
	B8		NSD						

## LAB WORKSHEET

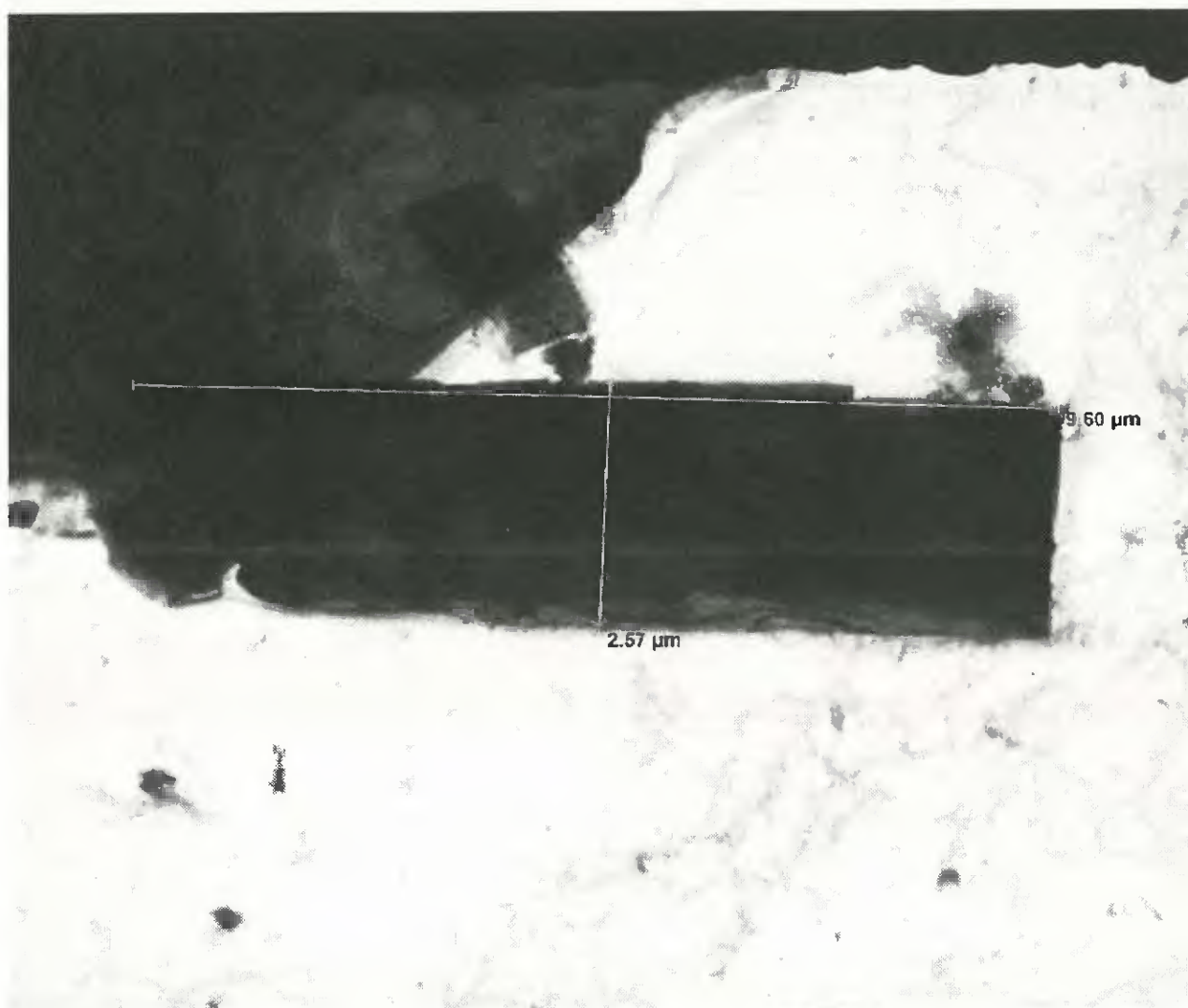
Page: 3 of 3

Page 47 of 268



## Sample 20180061-37D

### Tremolite Cleavage Fragment (GO H1) - Morphology



StS-02\_006  
Tremolite < 5:1 AR  
GO - H1  
Microscopist: LWP

1 μm  
HV=100kV  
Direct Mag: 10000 x  
J3 Resources, Inc.





# Sample 20180061-37D

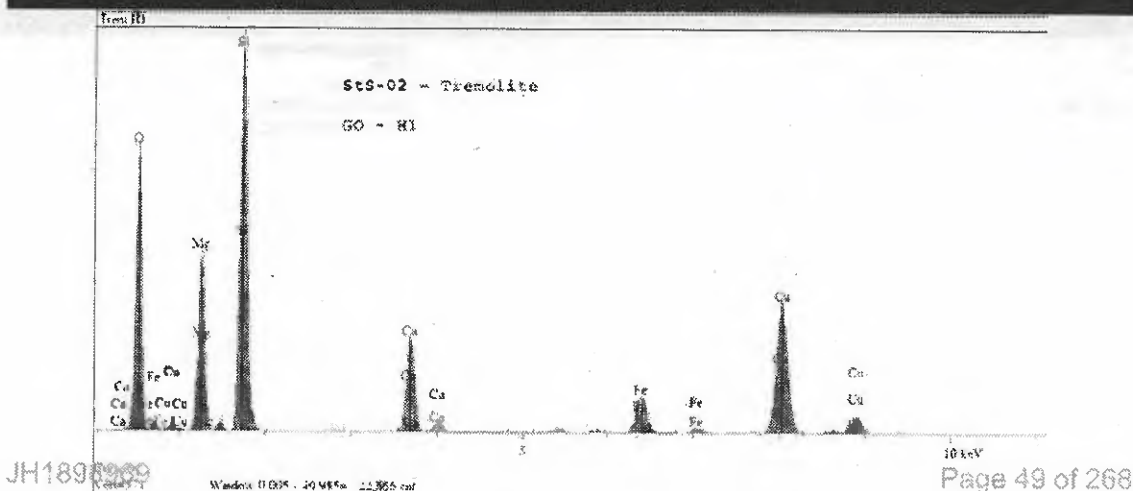
## Tremolite Cleavage Fragment (GO H1)

### Diffraction Pattern and EDS



StS-02\_007  
Tremolite - SAED < 5.1 ÅR  
GO - H1  
Microscopist: LWP

0.2 (1/Å)  
HV=100kV  
Cam Len: 0.8000 m  
J3 Resources, Inc.



JH1898289

Window: 0.005 - 20.000 keV 22,365 cts

Page 49 of 268





## Sample 20180061-37D Talc (GO H4) - Morphology

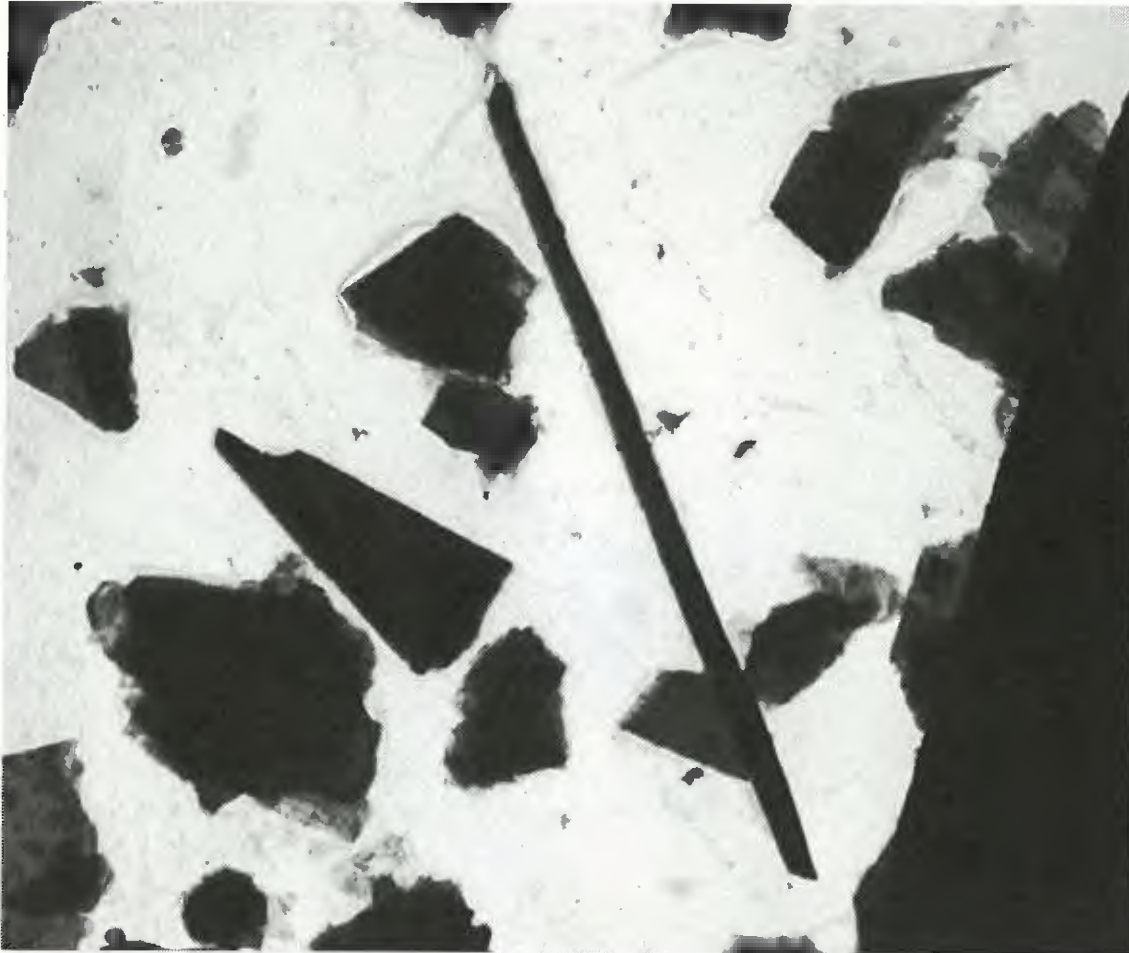


StS-02\_009  
Talc Ribbon  
GO - H4  
Microscopist: LWP

2  $\mu$ m  
HV=100kV  
Direct Mag: 7500 x  
J3 Resources, Inc.



## Sample 20180061-37D Talc (GO H5) - Morphology



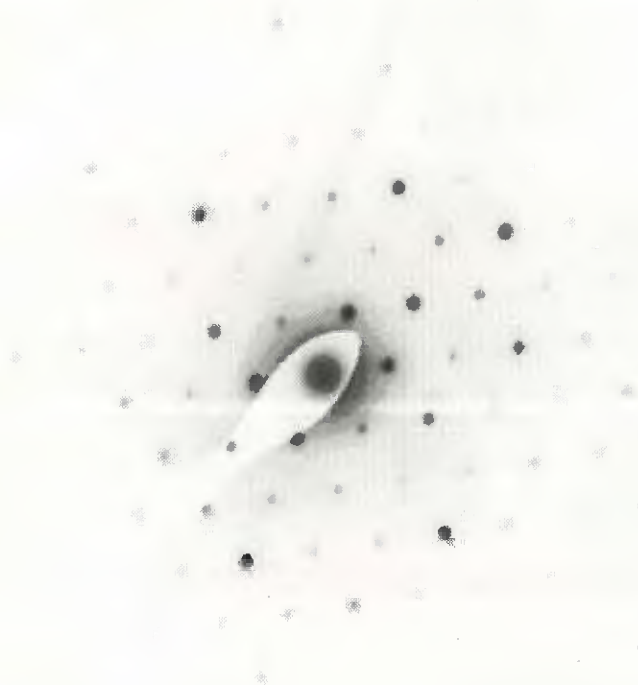
StS-02\_010  
Talc Fiber  
GO - H5  
Microscopist: LWP

2  $\mu$ m  
HV=100kV  
Direct Mag: 7500 x  
J3 Resources, Inc.



## Sample 20180061-37D

### Talc (GO H5) – Diffraction Pattern



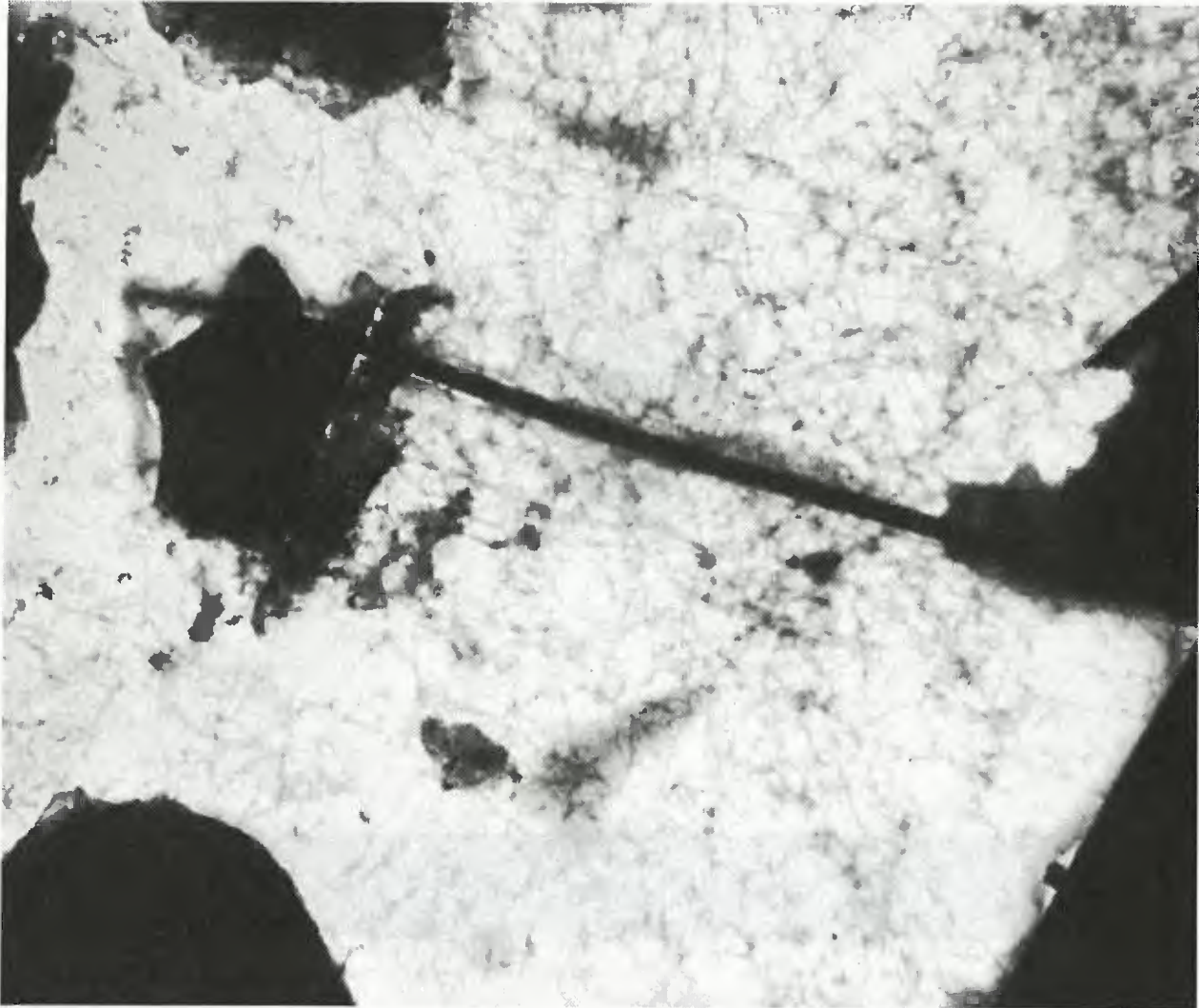
SrS-02\_011  
Talc Fiber - SAED  
GO - H5  
Microscopist: LWP

0.2 (1/Å)  
HV=100kV  
Cam Len: 0.8000 m  
J3 Resources, Inc.



## Sample 20180061-37D

### Structure 1 - Morphology



StS-02\_012  
Anthophyllite  
Grid B GO - C6  
Microscopist: LWP

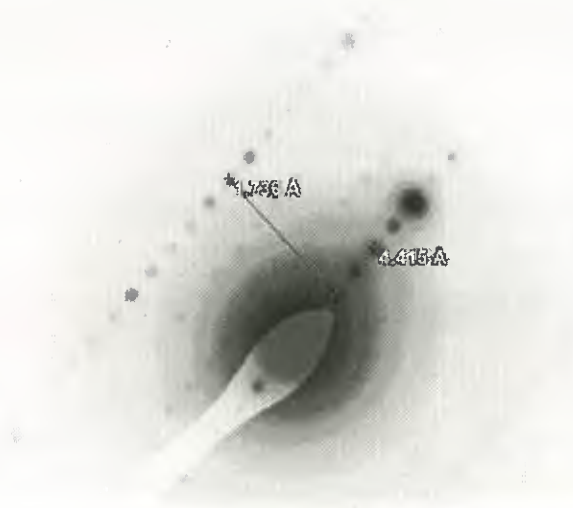
2  $\mu$ m  
HV=100kV  
Direct Mag: 6000 x  
J3 Resources, Inc.





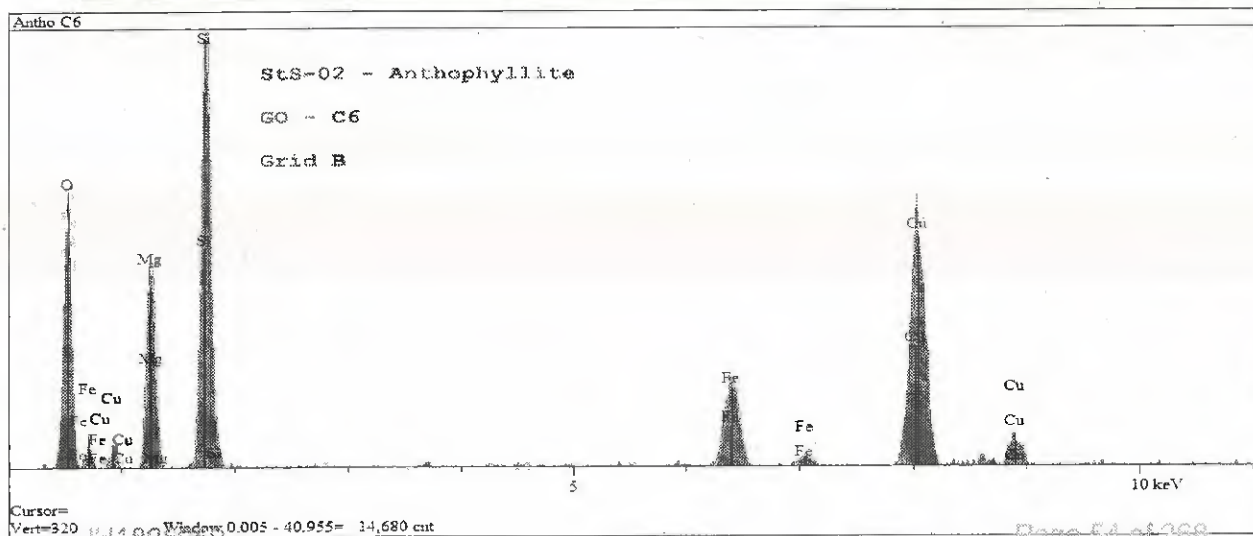
## Sample 20180061-37D

### Structure 1 – Diffraction Pattern and EDS



StS-02\_013 ZA.tif  
Anthophyllite - SAED ZA [1 0 0]  
Grid B GO - C6  
Microscopist: LWP

0.2 (1/Å)  
HV=100kV  
Cam Len: 0.8000 m  
J3 Resources, Inc.

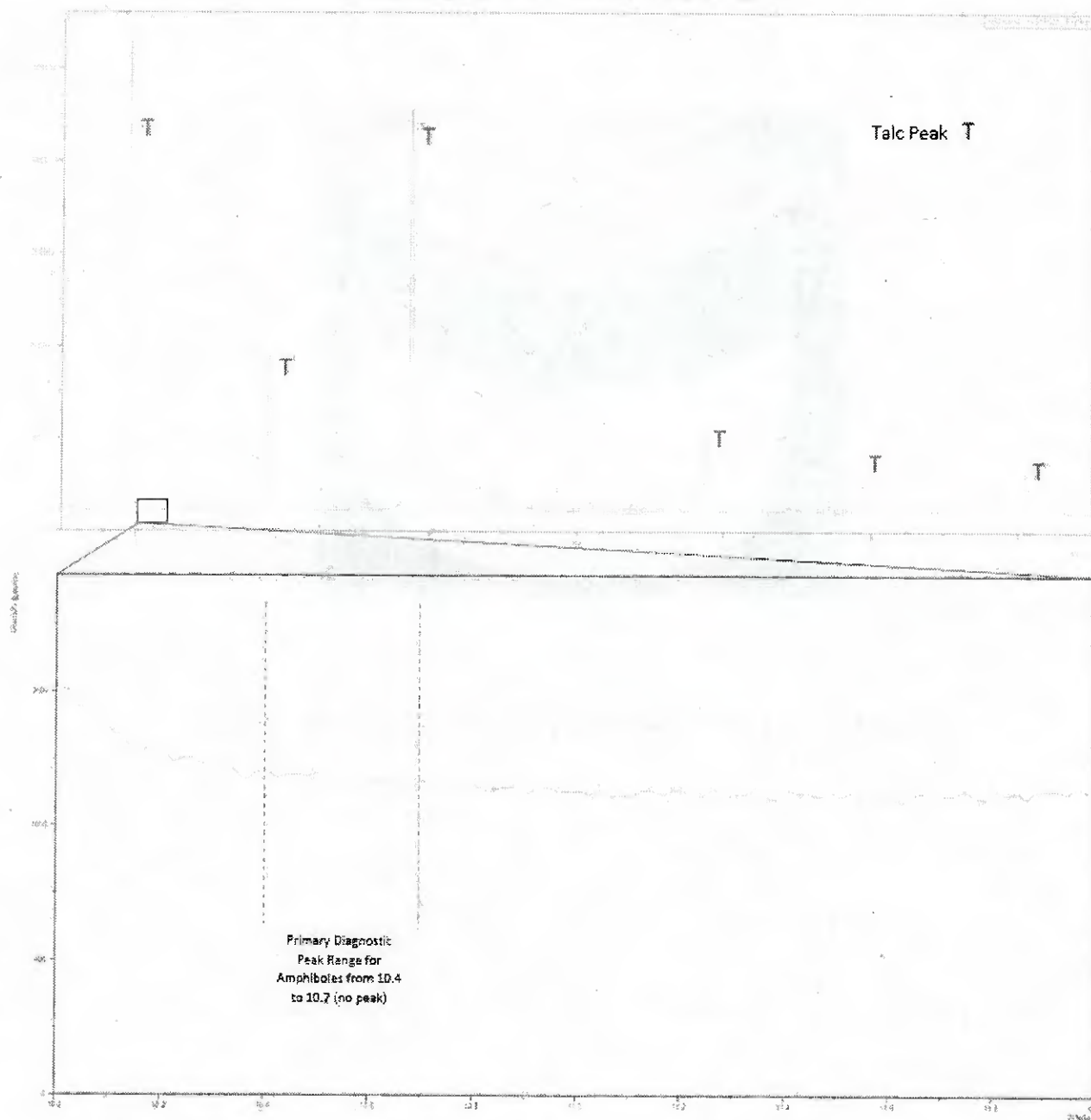




# Determination of Asbestos in Talc by XRD

ISO 22262-3:2016

Sample 20180061-37D

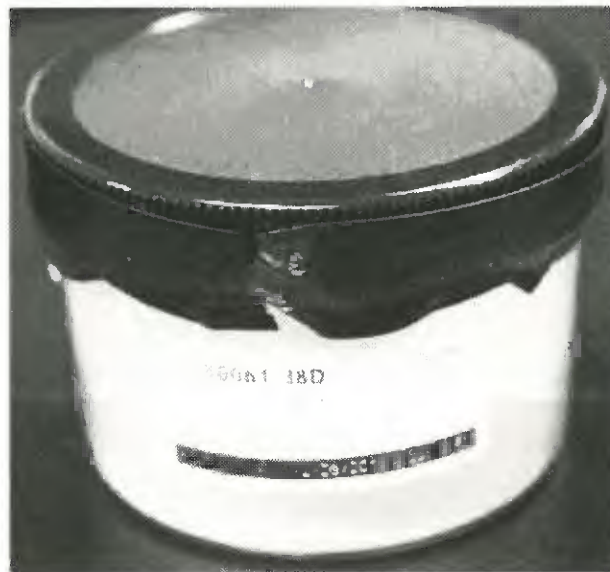


*No Amphibole Peak Present*



## **Sample 20180061-38D**

**(J3 Lab ID: STS 1603A)**



Sample as received by J3 Resources, Inc.



## Determination of Asbestos in Talc by PLM

ISO 22262-1:2014

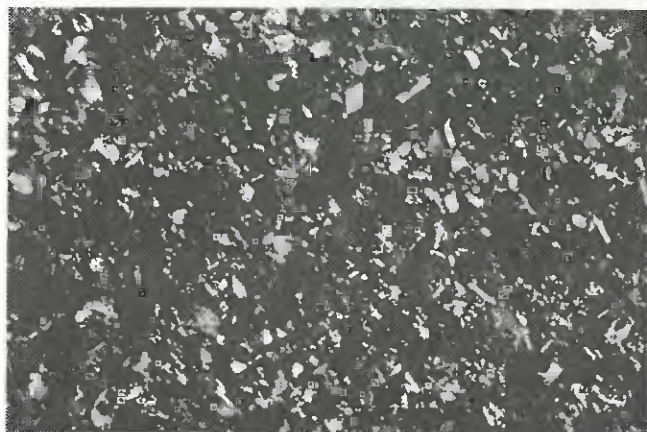
### Sample 20180061-38D

The sample was a white powder containing 60% medium to large platy Talc particles (100 $\mu$ m to >200 $\mu$ m in size).

The remaining 40% percent was composed of 20% starch and 20% carbonate material.

No asbestos was detected by PLM.

### Polarized Light Microscope Images



*100X Magnification of Talc Particles  
Crossed polars and 530nm gypsum  
compensator plate*



*100X Magnification dispersion  
staining of Talc Particles  
1.550 refractive index oil*





## Determination of Asbestos in Talc by ATEM

ISO 22262-2:2014

**Sample 20180061-38D**

J3 Order #: JH1898969

Analyst: Lee Poye

Customer: Joseph Satterley, Esq.

Date: 30-Jun-2018

Weight of Sample*:	0.0172 g	Filter Size:	25 mm
Percent of Original Sample*:	65%	Filter Pore Size:	0.2 $\mu\text{m}$
Suspension Volume:	1.5 mL	Area of Analytical Filter:	210 $\text{mm}^2$
Filtered Suspension Volume:	0.1 mL	GO Size:	0.0132 $\text{mm}^2$
		GO Area Analyzed:	1.056 $\text{mm}^2$

### Results Summary

Asbestos Structure Number	Length ( $\mu\text{m}$ )	Width ( $\mu\text{m}$ )	Aspect Ratio	Asbestos Type
1	3.5	0.5	7	Anthophyllite
2	19	1.6	11.8	Anthophyllite
3	7	1.1	6.4	Anthophyllite
4	3.5	0.4	8.8	Anthophyllite
5	6	0.3	20	Anthophyllite
6	20	2.8	7.1	Anthophyllite
7	3	0.25	12	Anthophyllite
AVERAGE	8.9	0.99	8.9	

Total Asbestos Structures:	7
Anthophyllite Density:	3000 $\text{kg}/\text{m}^3$
Cross-section Shape Factor (Amphibole):	0.5

Asbestos Mass Fraction of Original Sample:	0.0056%
Asbestos Mass Fraction of Original Sample:	0.0037%

\* Sample was previously gravimetrically reduced.



# Determination of Asbestos in Talc by ATEM

## LAB WORKSHEET

Customer: Joseph Satterley, Esq.

Analyst: Lee Poye

J3 Order #: JH1898969

Date: 30-Jun-2018

Sample #: 20180061-38D

Page: 1 of 3

### Magnification Scan at 3,000X

Grid	G.O. #	Non-Asbestos	Asbestos Tally	L x W (μm)	TYPE	Images			Comments
						EDS	Morphology	SAED	
1									
	A1		NSD						
	A2		NSD						
	A3		NSD						
	A4		NSD						
	A5		NSD						
	A6		NSD						
	A7		NSD						
	A8		NSD						
	A9	✓	NA	2.8 x 0.60	Anthophyllite	Yes	01	02	Cleavage Fragment
	A10		NSD						
	F1		NSD						
	F2		NSD						
	F3		1	3.5 x 0.50	Anthophyllite	Yes			
	F4		NA						
	F5		NA						
	F6		NSD						
	F7		NA						
	F8		2	19 x 1.60	Anthophyllite	Yes			
	F9		NSD						
	F10		NSD						
2									
	C1		NSD						
	C2		NSD						
	C3		NSD						
	C4		NSD						
	C5		NSD						
	C6		NSD						
	C7		NSD						
	C8		NSD						
	C9		NSD						
	C10		NSD						
	H1	✓	NA	7.5 x 1.10	Anthophyllite	Yes			Cleavage Fragment
	H2		NSD						
	H3		NSD						
	H4		NSD						
	H5		NSD						



# Determination of Asbestos in Talc by ATEM

## LAB WORKSHEET

Customer: Joseph Satterley, Esq.

Analyst: Lee Poye

J3 Order #: JH1898969

Date: 30-Jun-2018

Sample #: 20180061-38D

Page: 2 of 3

### Magnification Scan at 3,000X

Grid	G.O. #	Non-Asbestos	Asbestos Tally	L x W (µm)	TYPE	Images			Comments
						EDS	Morphology	SAED	
2									
	H6		NSD						
	H7		NSD						
	H8		NSD						
	H9		NSD						
	H10		NSD						
3									
	D1		NSD						
	D2		NSD						
	D3		NSD						
	D4	✓	NA	6 x 0.90	Anthophyllite	Yes	03	04	Transitional
	D5		NSD						
	D6		NSD						
	D7		NSD						
	D8		NSD						
	D9		NSD						
	D10		NSD						
	G1		NSD						
	G2		NSD						
	G3		NSD						
	G4		NSD						
	G5		NSD						
	G6		NSD						
	G7		NSD						
	G8		NSD						
	G9		3	7 x 1.10	Anthophyllite	Yes			
	G10		4	3.5 x 0.40	Anthophyllite	Yes	05	06	
4									
	D1		NSD						
	D2		NSD						
	D3		NSD						
	D4		NSD						
	D5		NSD						
	D6		5	6 x 0.30	Anthophyllite	Yes			
	D7		NSD						
	D8		NSD						



## LAB WORKSHEET

Page: 3 of 3

Page 61 of 268

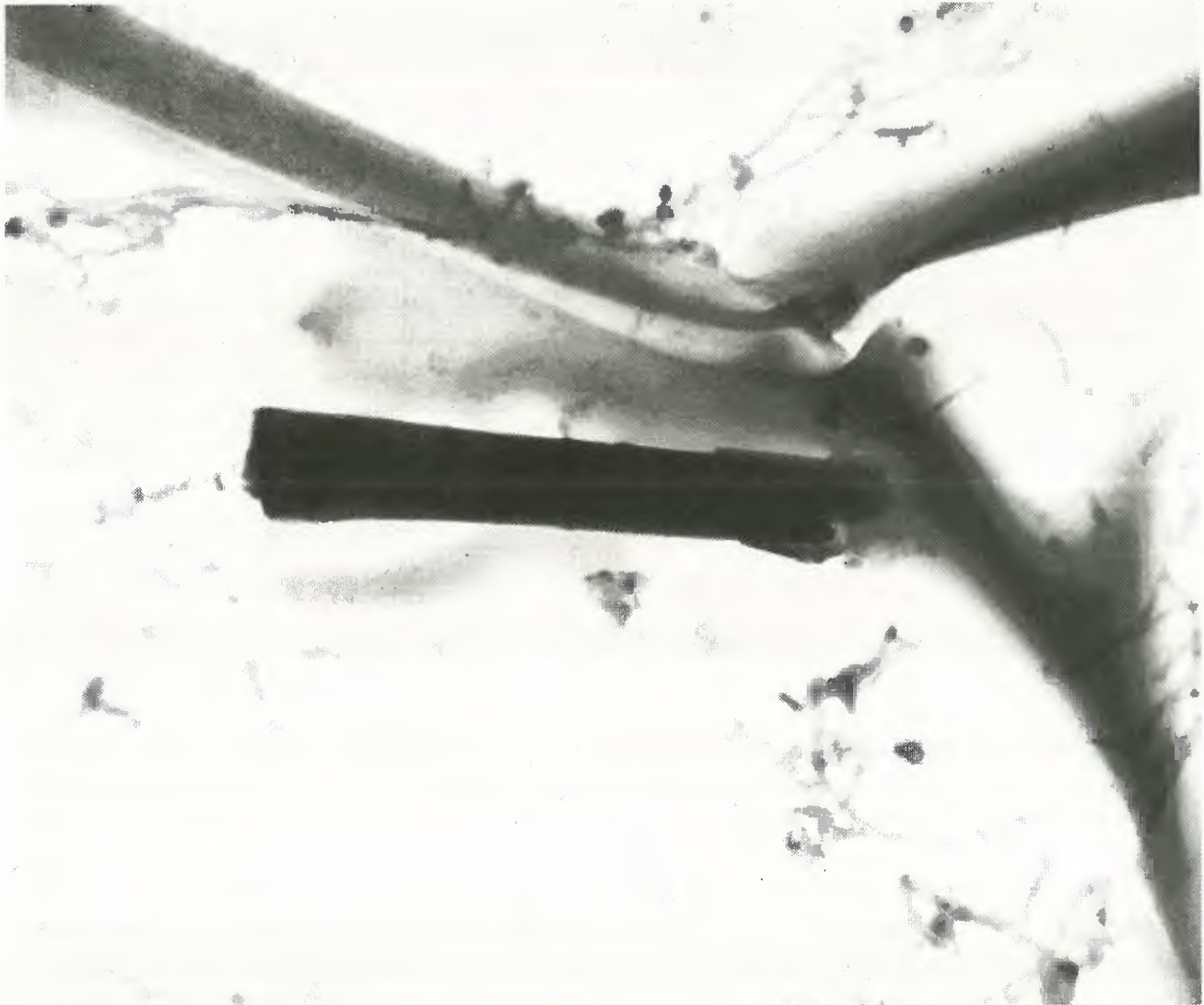




# **Sample 20180061-38D**

## **Anthophyllite (GO A9 - Cleavage Fragment)**

### **Morphology**



StS-03 Full Quant\_001  
Anthophyllite Cleavage Fragment  
GO-A9  
Microscopist: LWP

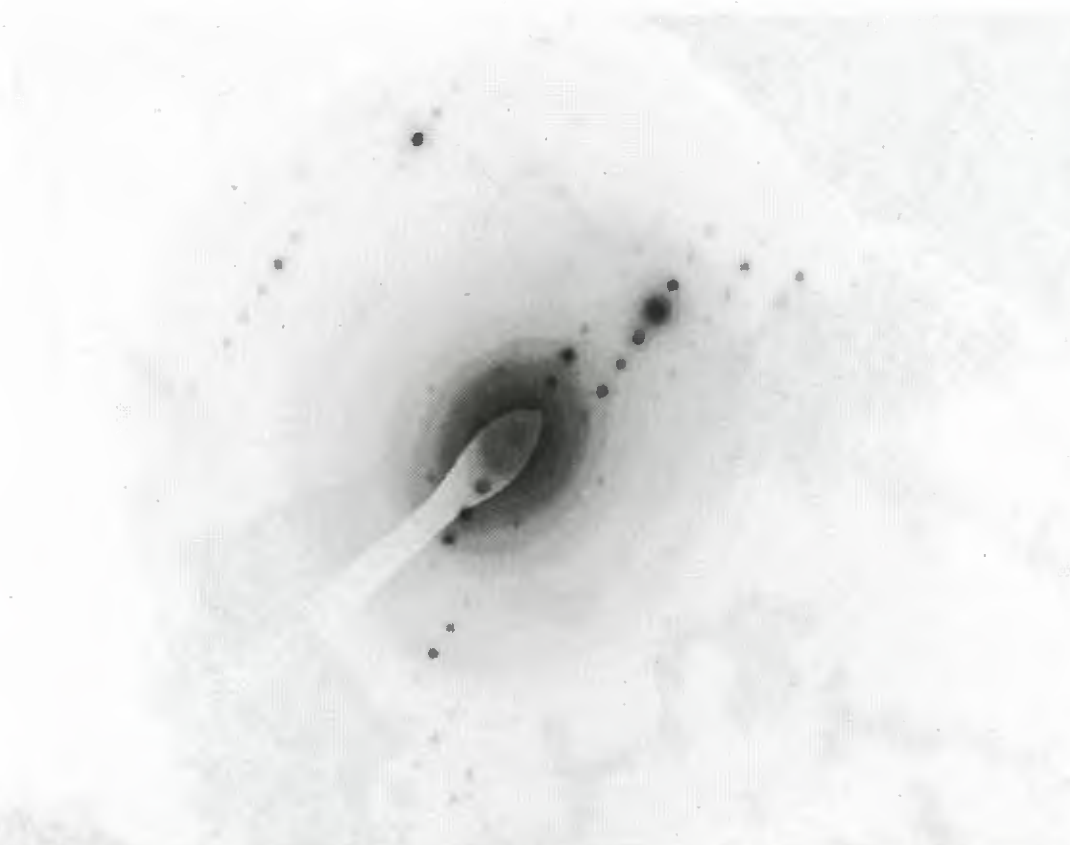
600 nm  
HV=100kV  
Direct Mag: 20000 x  
J3 Resources, Inc.



# Sample 20180061-38D

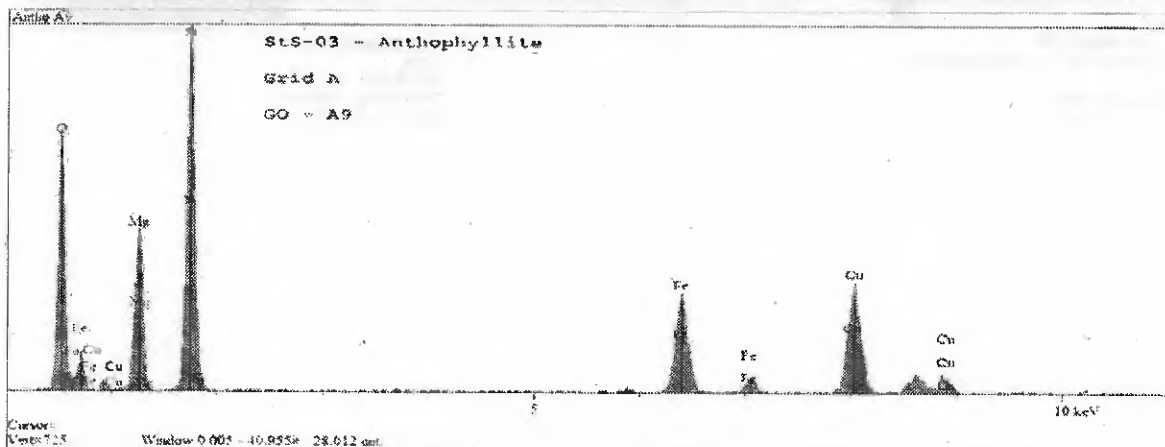
## Anthophyllite (GO A9 - Cleavage Fragment)

### Diffraction Pattern and EDS



StS-03 Full Quant. 002  
Anthophyllite - BAED Cleavage Fragment  
GO-A9  
Microscopist: LWP

0.2 (1/A)  
HV=100kV  
Cam Len: 0.6000 m  
J3 Resources, Inc.





# **Sample 20180061-38D**

## **Anthophyllite (GO D4 – Transitional)**

### **Morphology**



STS-03 Full Quant\_003  
Anthophyllite/Talc - Transitional Fiber  
GO-D9  
Microscopist: LWP

1  $\mu$ m  
HV=100kV  
Direct Mag: 15000 x  
J3 Resources, Inc.



# Sample 20180061-38D

## Anthophyllite (GO D4 - Transitional)

### Diffraction Pattern

StS-03 Full Quant\_004  
Anthophyllite/Talc SAED - Transitional Fiber  
GO-D9  
Microscopist: LWP

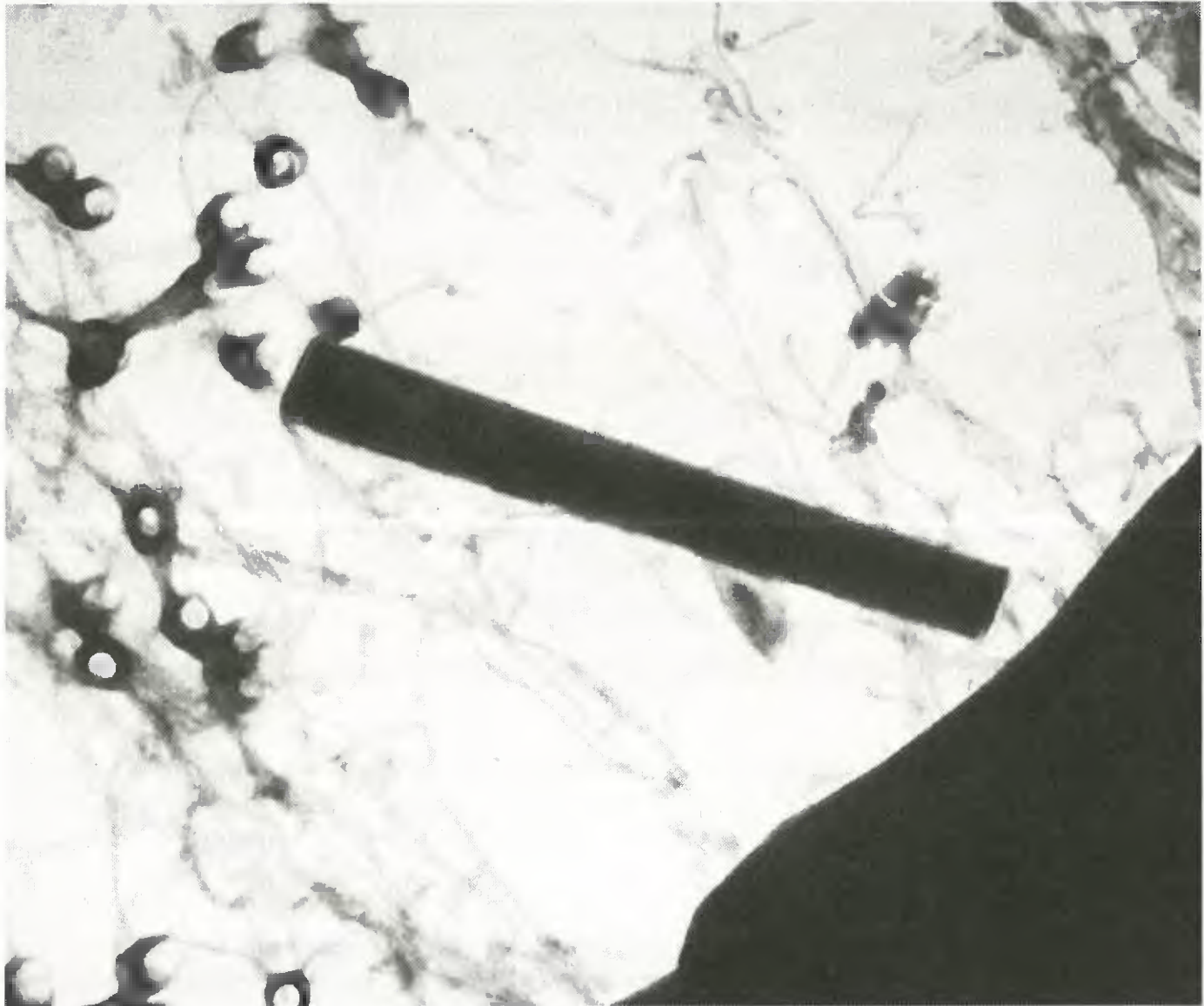
0.2 (1/Å)  
HV=100kV  
Cam Len: 0.8000 m  
J3 Resources, Inc.





## Sample 20180061-38D

### Structure 4 - Morphology



StS-03 Full Quant\_005  
Anthophyllite  
GO-G10  
Microscopist: LWP

600 nm  
HV=100kV  
Direct Mag: 20000 x  
J3 Resources, Inc.

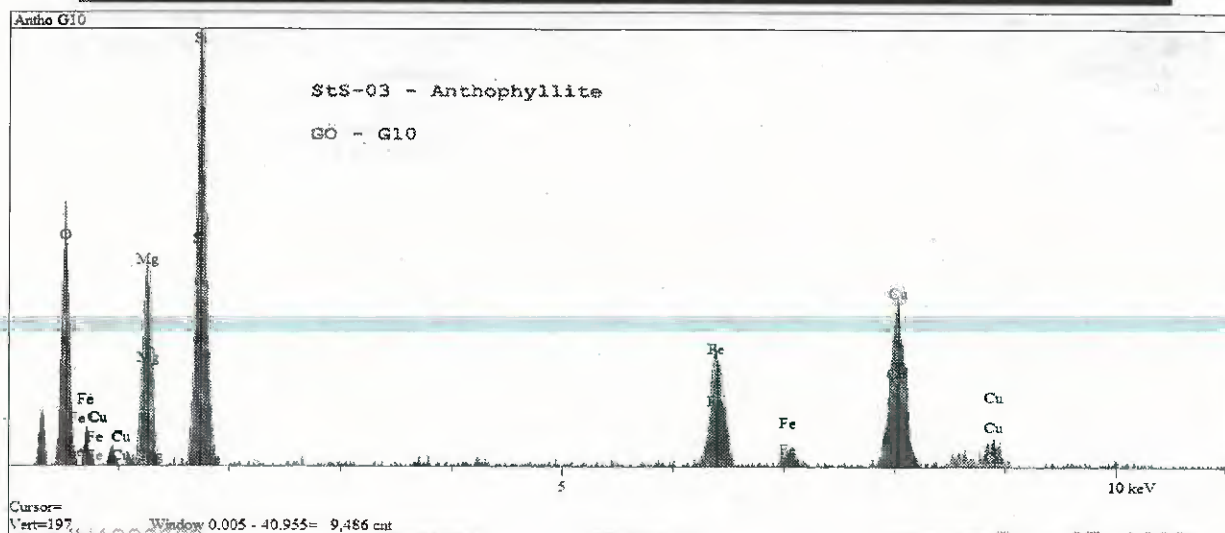


## Sample 20180061-38D

### Structure 4 – Diffraction Pattern and EDS

StS-03 Full Quant\_006  
Anthophyllite - SAED  
GO-G10  
Microscopist: LWP

0.2 (1/Å)  
HV=100kV  
Cam Len: 0.8000 m  
J3 Resources, Inc.





## Sample 20180061-38D

### Structure 6 - Morphology



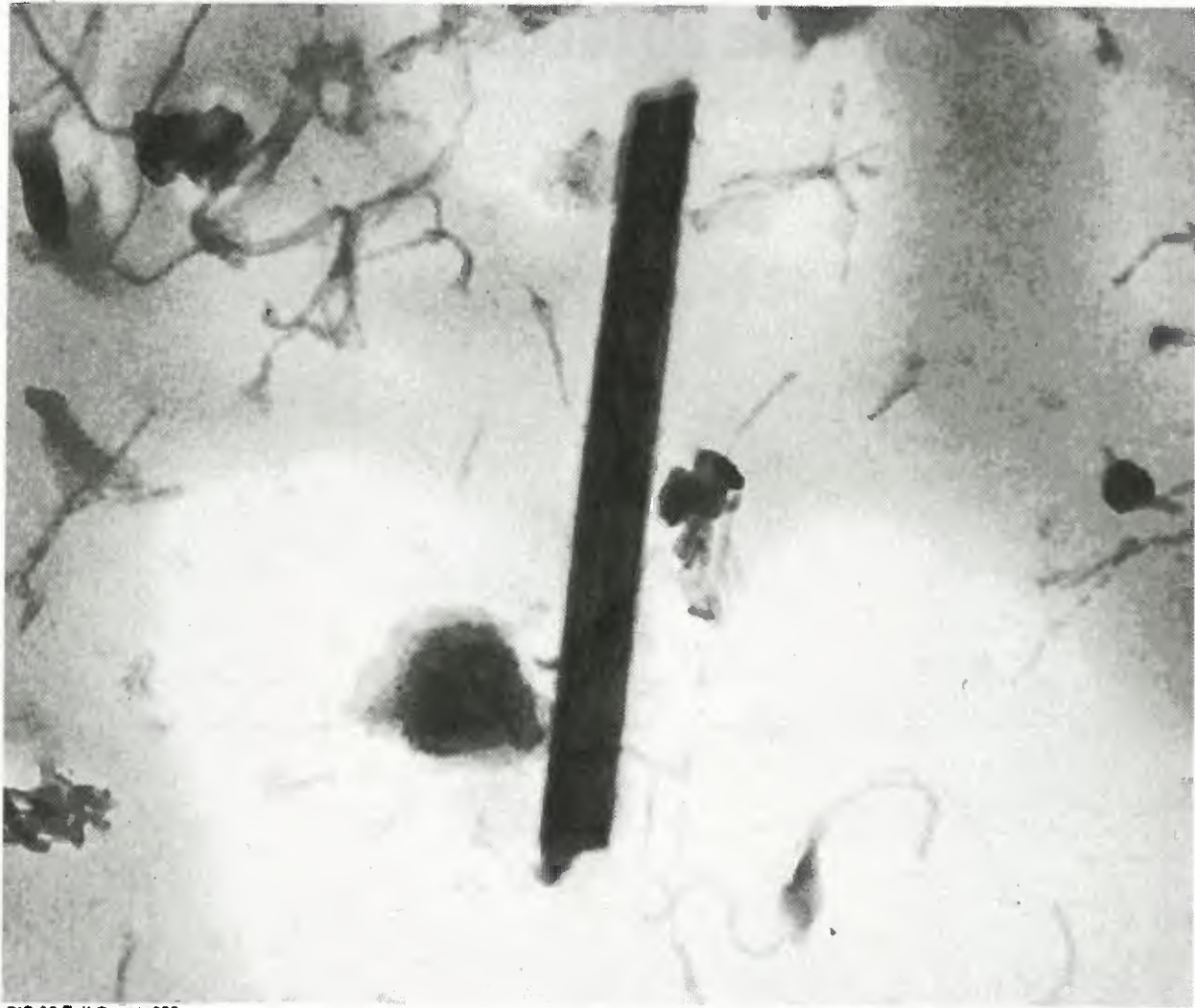
StS-03 Full Quant\_007  
Anthophyllite  
GO-H5  
Microscopist: LWP

2  $\mu$ m  
HV=100kV  
Direct Mag: 5000 x  
J3 Resources, Inc.





## Sample 20180061-38D Structure 7 - Morphology



StS-03 Full Quant\_008  
Anthophyllite  
GO-H7  
Microscopist: LWP

600 nm  
HV=100kV  
Direct Mag: 25000 x  
J3 Resources, Inc.

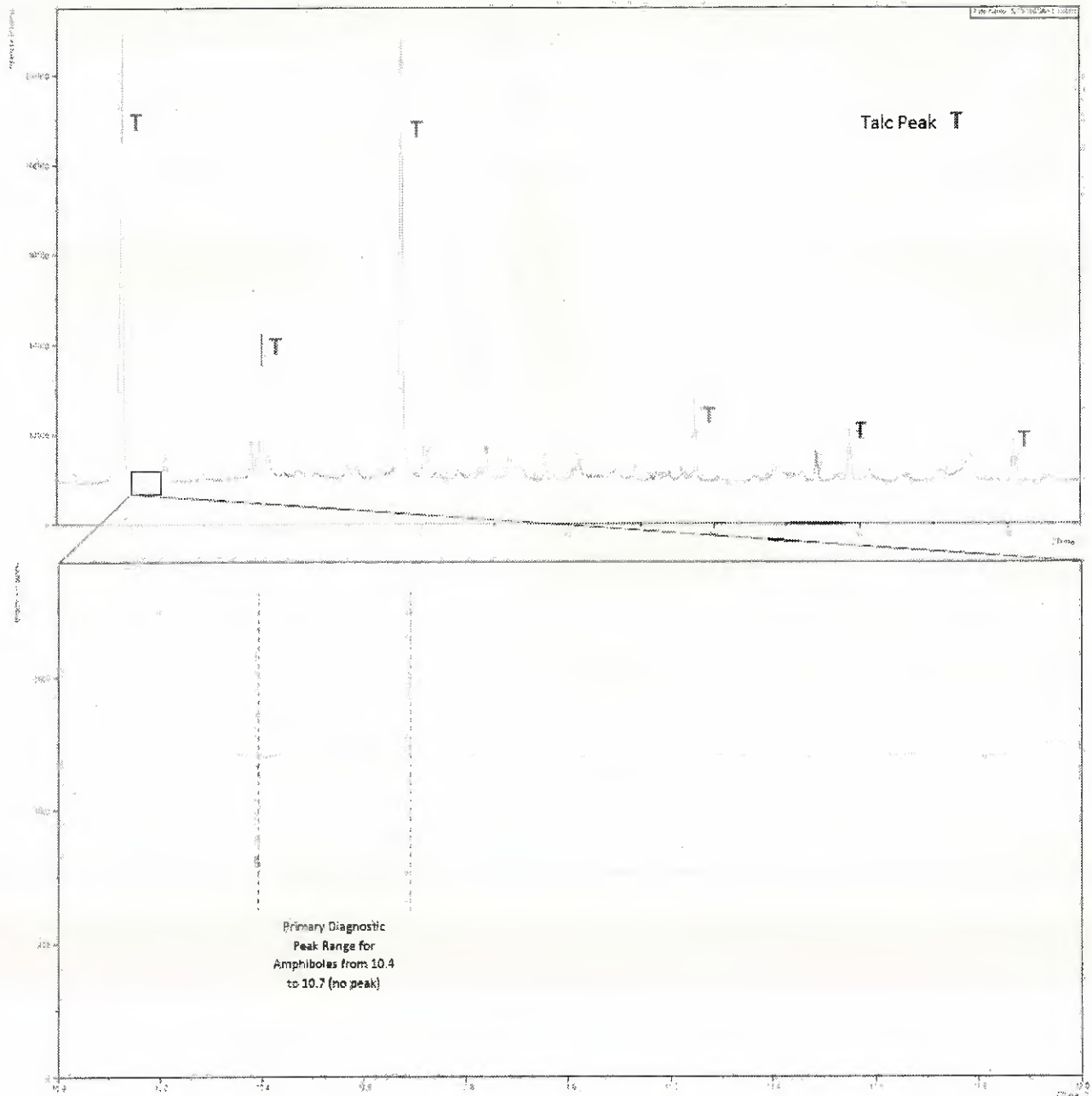




# Determination of Asbestos in Talc by XRD

ISO 22262-3:2016

Sample 20180061-38D



*No Amphibole Peak Present*

Page 71 of 268



## Determination of Asbestos in Talc by PLM

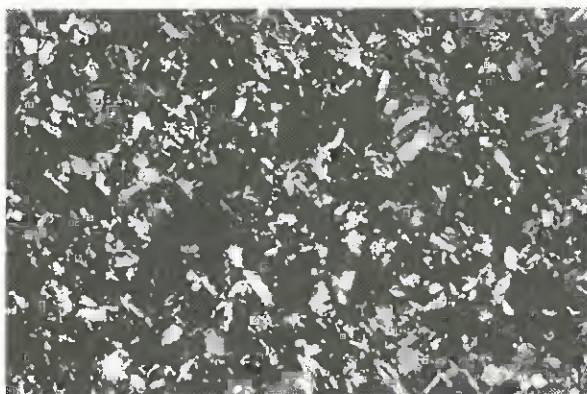
ISO 22262-1:2014

### Sample 20180061-45D

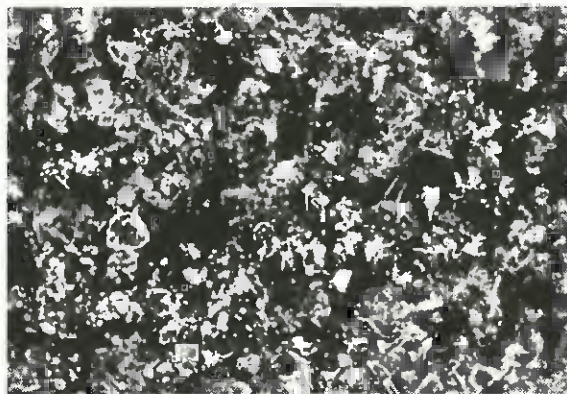
The sample was a white powder containing 85% medium to large platy Talc particles (100 $\mu$ m to >200 $\mu$ m in size) and Talc rods. The remaining 15% percent was composed of carbonate material.

No asbestos was detected by PLM.

### Polarized Light Microscope Images



*100X Magnification of Talc Particles  
Crossed polars and 530nm gypsum  
compensator plate*



*100X Magnification dispersion  
staining of Talc Particles  
1.550 refractive index oil*



## Determination of Asbestos in Talc by ATEM

ISO 22262-2:2014

**Sample 20180061-45D**

J3 Order #: JH1898969

Analyst: Lee Poye

Customer: Joseph Satterley, Esq.

Date: 30-Jun-2018

Weight of Sample\*: 0.0175 g  
Percent of Original Sample\*: 79%  
Suspension Volume: 1.5 mL  
Filtered Suspension Volume: 0.1 mL

Filter Size: 25 mm  
Filter Pore Size: 0.2  $\mu\text{m}$   
Area of Analytical Filter: 210  $\text{mm}^2$   
GO Size: 0.0132  $\text{mm}^2$   
GO Area Analyzed: 1.056  $\text{mm}^2$

### Results Summary

Asbestos Structure Number	Length ( $\mu\text{m}$ )	Width ( $\mu\text{m}$ )	Aspect Ratio	Asbestos Type
1	19	2.20	8.6	Anthophyllite
AVERAGE	19	2.20	8.6	

Total Asbestos Structures: 1  
Anthophyllite Density: 3000  $\text{kg/m}^3$   
Cross-section Shape Factor (Amphibole): 0.5

Asbestos Mass Fraction: 0.0024%  
Asbestos Mass Fraction of Original Sample: 0.0019%

\* Sample was previously gravimetrically reduced.





# Determination of Asbestos in Talc by ATEM

## LAB WORKSHEET

Customer: Joseph Satterley, Esq.

Analyst: Lee Poye

J3 Order #: JH1898969

Date: 30-Jun-2018

Sample #: 20180061-45D

Page: 1 of 3

### Magnification Scan at 3,000X

Grid	G.O. #	Non-Asbestos	Asbestos Tally	L x W (μm)	TYPE	Images			Comments
						EDS	Morphology	SAED	
1									
	C1		NSD						
	C2		NSD						
	C3		NSD						
	C4		NSD						
	C5	✓	NA	14 x 0.60	Talc	Yes	01	02	Fiber
	C6		NSD						
	C7		NSD						
	C8		NSD						
	C9		NSD						
	C10		NSD						
	I1		NSD						
	I2		NSD						
	I3	✓	NA	21 x 0.80	Talc	Yes	05		Ribbon
	I4		NSD						
	I5		NSD						
	I6		NSD						
	I7		1	19 x 2.20	Anthophyllite	Yes	03	04	
	I8		NSD						
	I9		NSD						
	I10		NSD						
2									
	B1		NSD						
	B2		NSD						
	B3		NSD						
	B4		NSD						
	B5		NSD						
	B6		NSD						
	B7		NSD						
	B8		NSD						
	B9		NSD						
	B10		NSD						
	F1		NSD						
	F2		NSD						
	F3		NSD						
	F4		NSD						
	F5		NSD						



# Determination of Asbestos in Talc by ATEM

## LAB WORKSHEET

Customer: Joseph Satterley, Esq.

Analyst: Lee Poye

J3 Order #: JH1898969

Date: 30-Jun-2018

Sample #: 20180061-45D

Page: 2 of 3

### Magnification Scan at 3,000X

Grid	G.O. #	Non-Asbestos	Asbestos Tally	L x W (µm)	TYPE	Images			Comments
						EDS	Morphology	SAED	
2									
	F6		NSD						
	F7		NSD						
	F8		NSD						
	F9		NSD						
	F10		NSD						
3									
	C1		NSD						
	C2		NSD						
	C3		NSD						
	C4		NSD						
	C5		NSD						
	C6		NSD						
	C7		NSD						
	C8		NSD						
	C9		NSD						
	C10	✓	NA	17 x 2.50	Talc	Yes			Fiber
	G1		NSD						
	G2		NSD						
	G3		NSD						
	G4	✓	NA	26 x 0.30	Talc	Yes			Ribbon
	G5	✓	NA	9 x 0.50	Talc	Yes			Ribbon
	G6		NSD						
	G7		NSD						
	G8		NSD						
	G9		NSD						
	G10	✓	NA	8 x 1.00	Talc	Yes			Fiber
4									
	D1		NSD						
	D2		NSD						
	D3		NSD						
	D4		NSD						
	D5		NSD						
	D6		NSD						
	D7		NSD						
	D8		NSD						



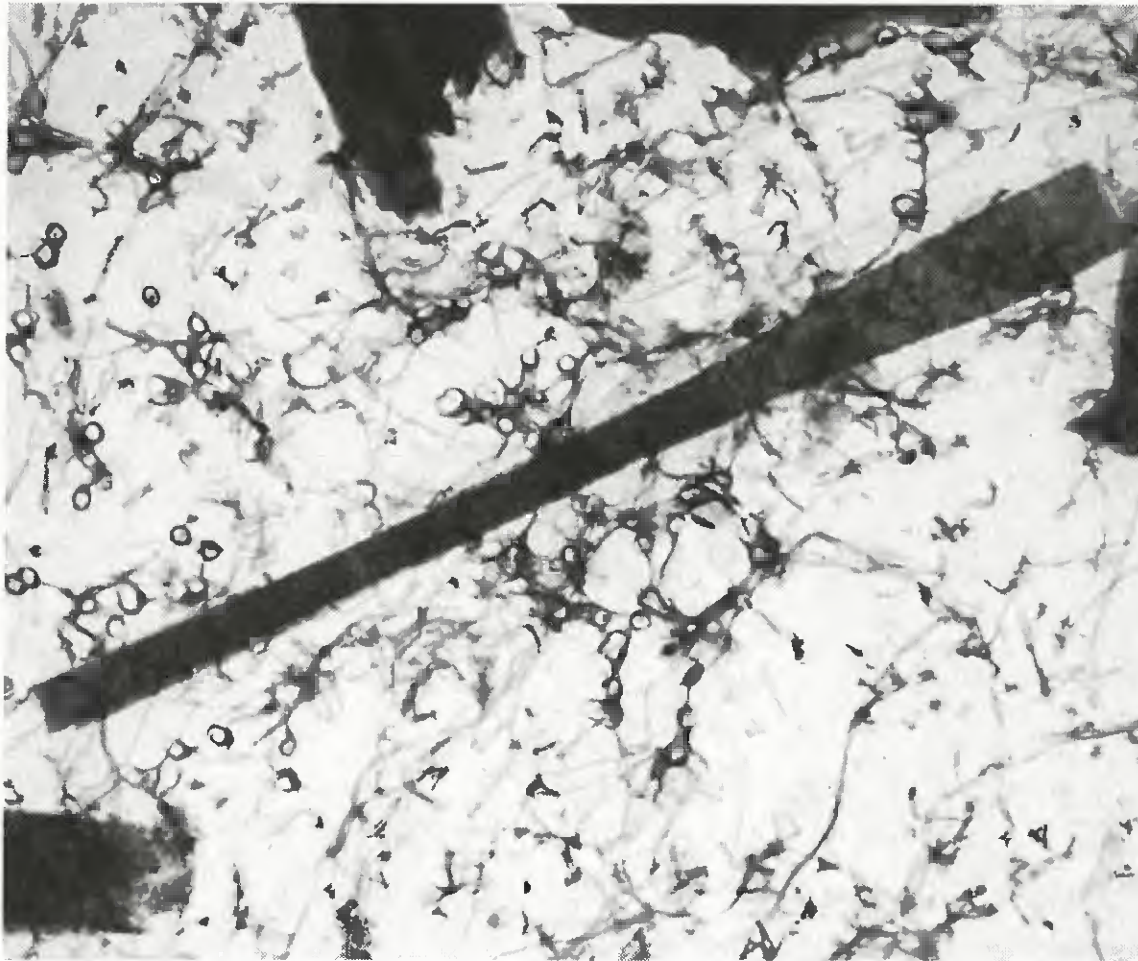
## LAB WORKSHEET

Page: 3 of 3

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## Sample 20180061-45D Talc (GO C5) - Morphology



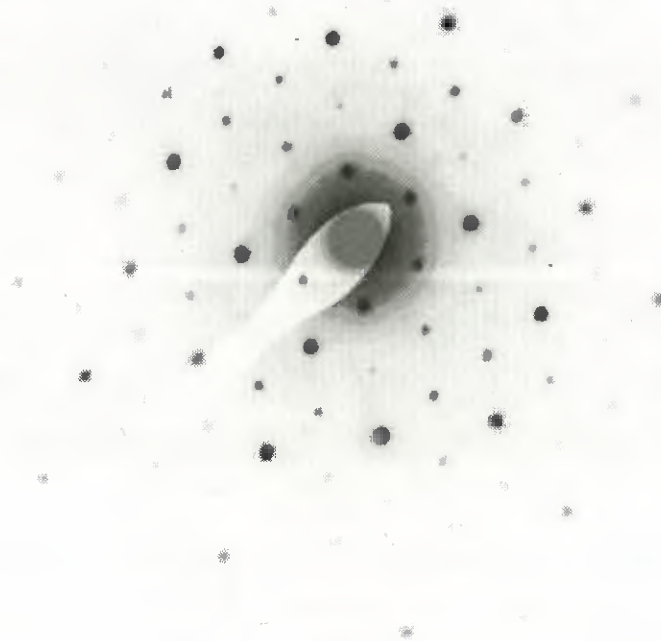
SIS-04 Full Quant\_001  
Talc Fiber  
GO-C5  
Microscopist: LWP

1  $\mu$ m  
HV=100kV  
Direct Mag: 10000 x  
J3 Resources, Inc.





## Sample 20180061-45D Talc (GO C5) – Diffraction Pattern

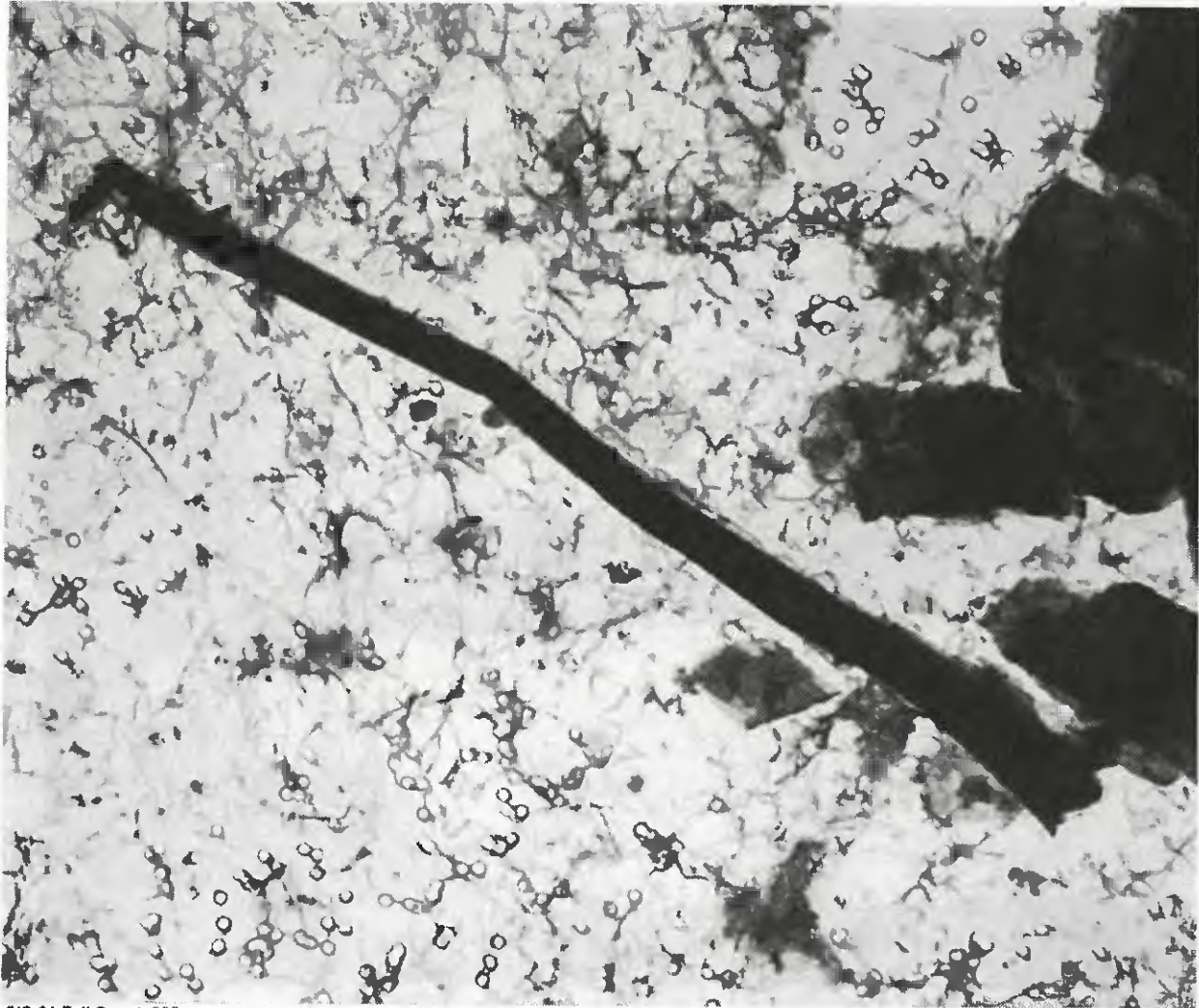


StS-04 Full Quant\_002  
Talc Fiber - SAED  
GO-C5  
Microscopist: LWP

0.2 (1/Å)  
HV=100kV  
Cam Len: 0.8000 m  
J3 Resources, Inc.



## Sample 20180061-45D Talc (GO I3) - Morphology

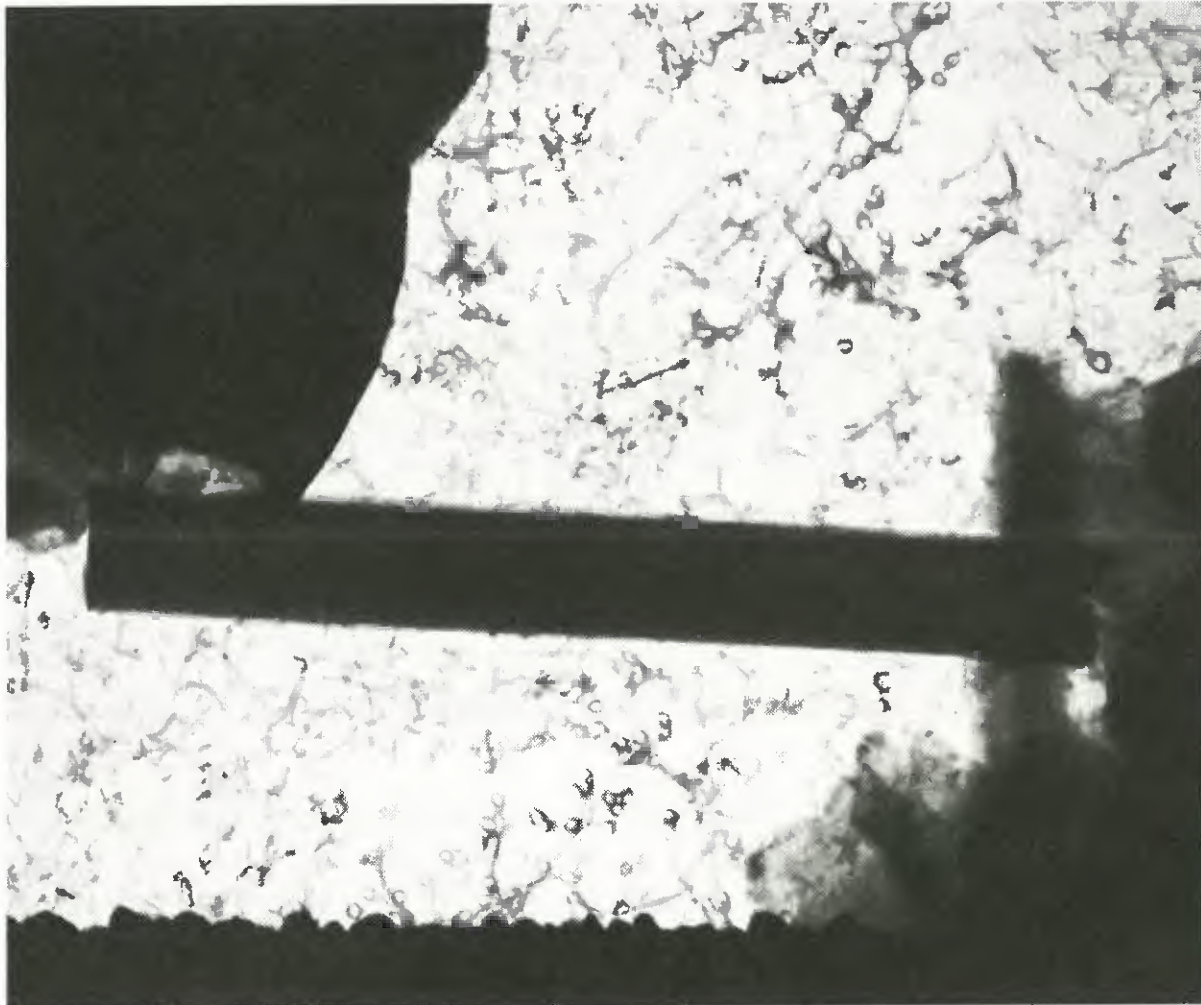


StS-04 Full Quant\_005  
Talc Ribbon  
GO-I3  
Microscopist: LWP

2  $\mu$ m  
HV=100KV  
Direct Mag: 6000 x  
J3 Resources, Inc.



## Sample 20180061-45D Structure 1 - Morphology



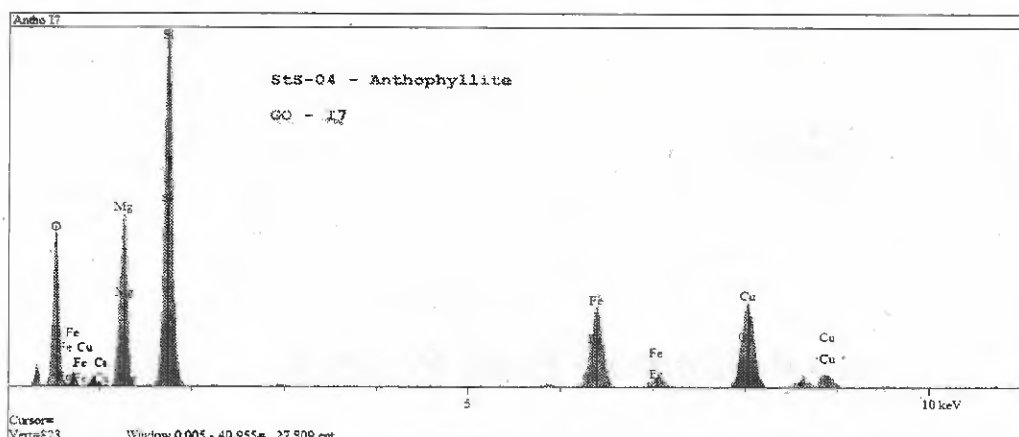
SES-04 Full Quant\_003  
Anthophyllite  
GO-17  
Microscopist: LWP

2  $\mu$ m  
HV=100kV  
Direct Mag: 6000 x  
J3 Resources, Inc.



## Sample 20180061-45D

### Structure 1 – Diffraction Pattern and EDS



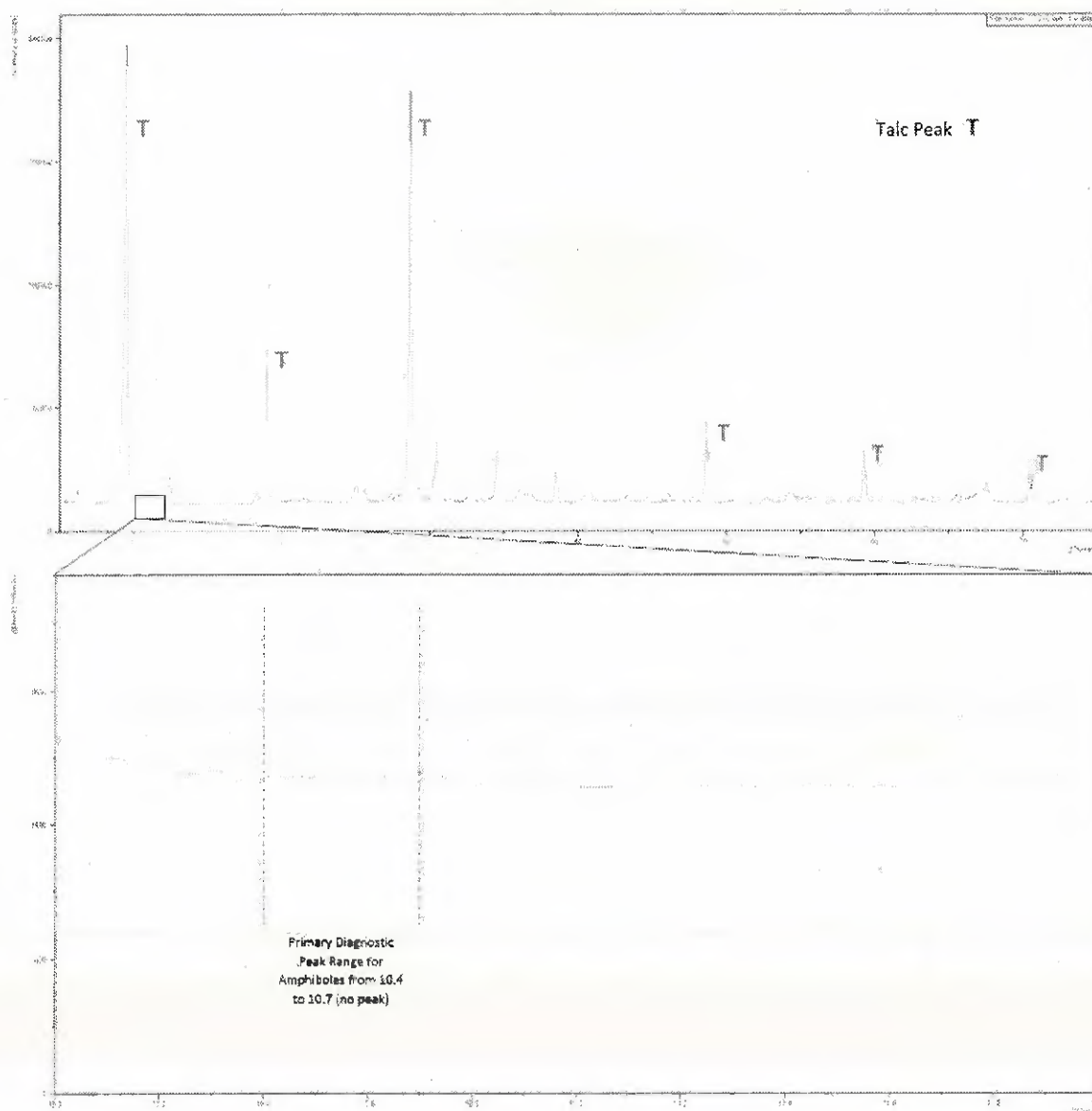




## Determination of Asbestos in Talc by XRD

ISO 22262-3:2016

Sample 20180061-45D

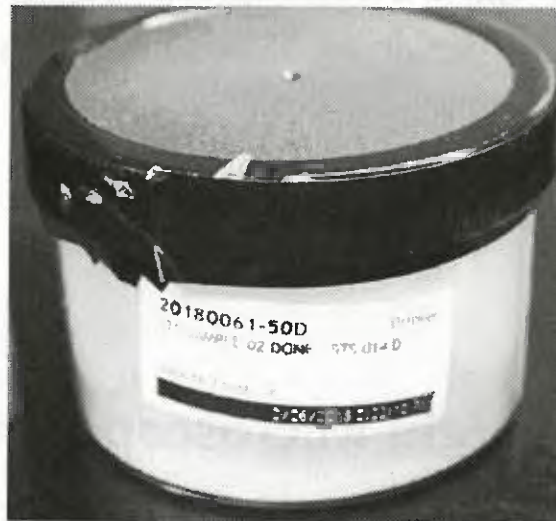


*No Amphibole Peak Present*



## **Sample 20180061-50D**

**(J3 Lab ID: STS 1605A)**



Sample as received by J3 Resources, Inc.



## **Determination of Asbestos in Talc by PLM**

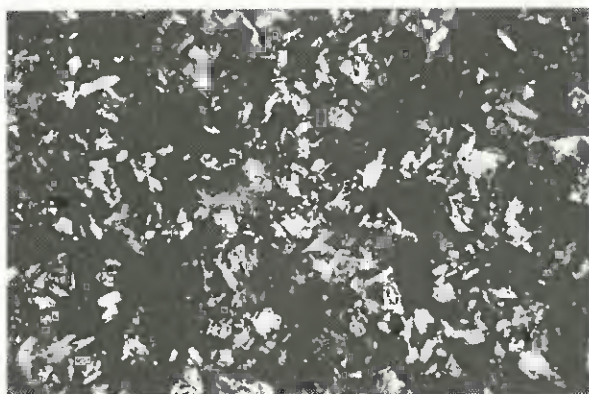
**ISO 22262-1:2014**

### **Sample 20180061-50D**

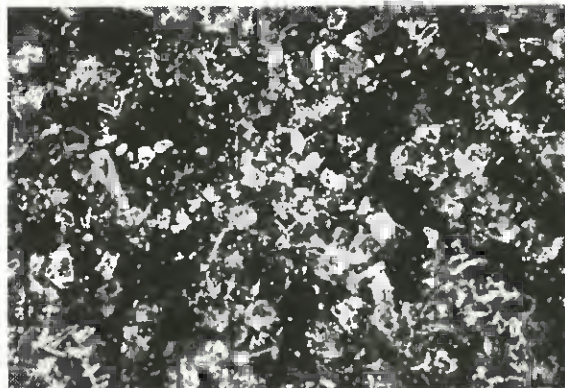
The sample was a white powder containing 85% medium to large platy Talc particles (100 $\mu$ m to >200 $\mu$ m in size) and Talc rods. The remaining 15% percent was composed of carbonate material.

No asbestos was detected by PLM.

### **Polarized Light Microscope Images**



*100X Magnification of Talc Particles  
Crossed polars and 530nm gypsum  
compensator plate*



*100X Magnification dispersion  
staining of Talc Particles  
1.550 refractive index oil*



## Determination of Asbestos in Talc by ATEM

ISO 22262-2:2014

**Sample 20180061-50D**

J3 Order #: JH1898969

Analyst: Lee Poye

Customer: Joseph Satterley, Esq.

Date: 4-Jul-2018

Weight of Sample*:	0.0179 g	Filter Size:	25 mm
Percent of Original Sample*:	79%	Filter Pore Size:	0.2 $\mu\text{m}$
Suspension Volume:	1.5 mL	Area of Analytical Filter:	210 mm <sup>2</sup>
Filtered Suspension Volume:	0.1 mL	GO Size:	0.0132 mm <sup>2</sup>
		GO Area Analyzed:	1.056 mm <sup>2</sup>

### Results Summary

Asbestos Structure Number	Length ( $\mu\text{m}$ )	Width ( $\mu\text{m}$ )	Aspect Ratio	Asbestos Type
N/D	N/A	N/A	N/A	None Detected
AVERAGE	N/A	N/A	N/A	

Total Asbestos Structures: 0

Asbestos Mass Fraction: < 0.000000031%

Asbestos Mass Fraction of Original Sample: < 0.000000025%

\* Sample was previously gravimetrically reduced.





# Determination of Asbestos in Talc by ATEM

## LAB WORKSHEET

Customer: Joseph Satterley, Esq.

Analyst: Lee Poye

J3 Order #: JH1898969

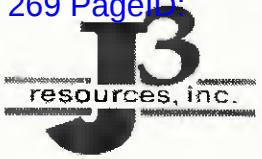
Date: 4-Jul-2018

Sample #: 20180061-50D

Page: 1 of 3

### Magnification Scan at 3,000X

Grid	G.O. #	Non-Asbestos	Asbestos Tally	L x W (µm)	TYPE	Images			Comments
						EDS	Morphology	SAED	
1									
	D1		NSD						
	D2		NSD						
	D3		NSD						
	D4		NSD						
	D5		NSD						
	D6		NSD						
	D7		NSD						
	D8		NSD						
	D9		NSD						
	D10		NSD						
	F1		NSD						
	F2		NSD						
	F3		NSD						
	F4	✓	NA	34 x 2.30	Talc	Yes			Fiber
	F5		NSD						
	F6		NSD						
	F7		NSD						
	F8		NSD						
	F9		NSD						
	F10		NSD						
2									
	B1		NSD						
	B2		NSD						
	B3		NSD						
	B4		NSD						
	B5	✓	NA	7 x 0.70	Talc	Yes			Fiber
	B6		NSD						
	B7		NSD						
	B8	✓	NA	7.5 x 0.25	Talc	Yes	01	02	Fiber
	B9		NSD						
	B10		NSD						
	G1		NSD						
	G2		NSD						
	G3		NSD						
	G4		NSD						
	G5		NSD						

**Determination of Asbestos in Talc by ATEM****LAB WORKSHEET****Customer:** Joseph Satterley, Esq.**Analyst:** Lee Poye**J3 Order #:** JH1898969**Date:** 4-Jul-2018**Sample #:** 20180061-50D**Page:** 2 of 3**Magnification Scan at 3,000X**

Grid	G.O. #	Non-Asbestos	Asbestos Tally	L x W (µm)	TYPE	Images			Comments
						EDS	Morphology	SAED	
2									
	G6		NSD						
	G7		NSD						
	G8		NSD						
	G9		NSD						
	G10		NSD						
3									
	B1		NSD						
	B2		NSD						
	B3		NSD						
	B4		NSD						
	B5		NSD						
	B6		NSD						
	B7		NSD						
	B8		NSD						
	B9		NSD						
	B10		NSD						
	I1		NSD						
	I2		NSD						
	I3		NSD						
	I4		NSD						
	I5		NSD						
	I6		NSD						
	I7		NSD						
	I8		NSD						
	I9		NSD						
	I10		NSD						
4									
	A1		NSD						
	A2		NSD						
	A3		NSD						
	A4		NSD						
	A5		NSD						
	A6		NSD						
	A7		NSD						
	A8		NSD						



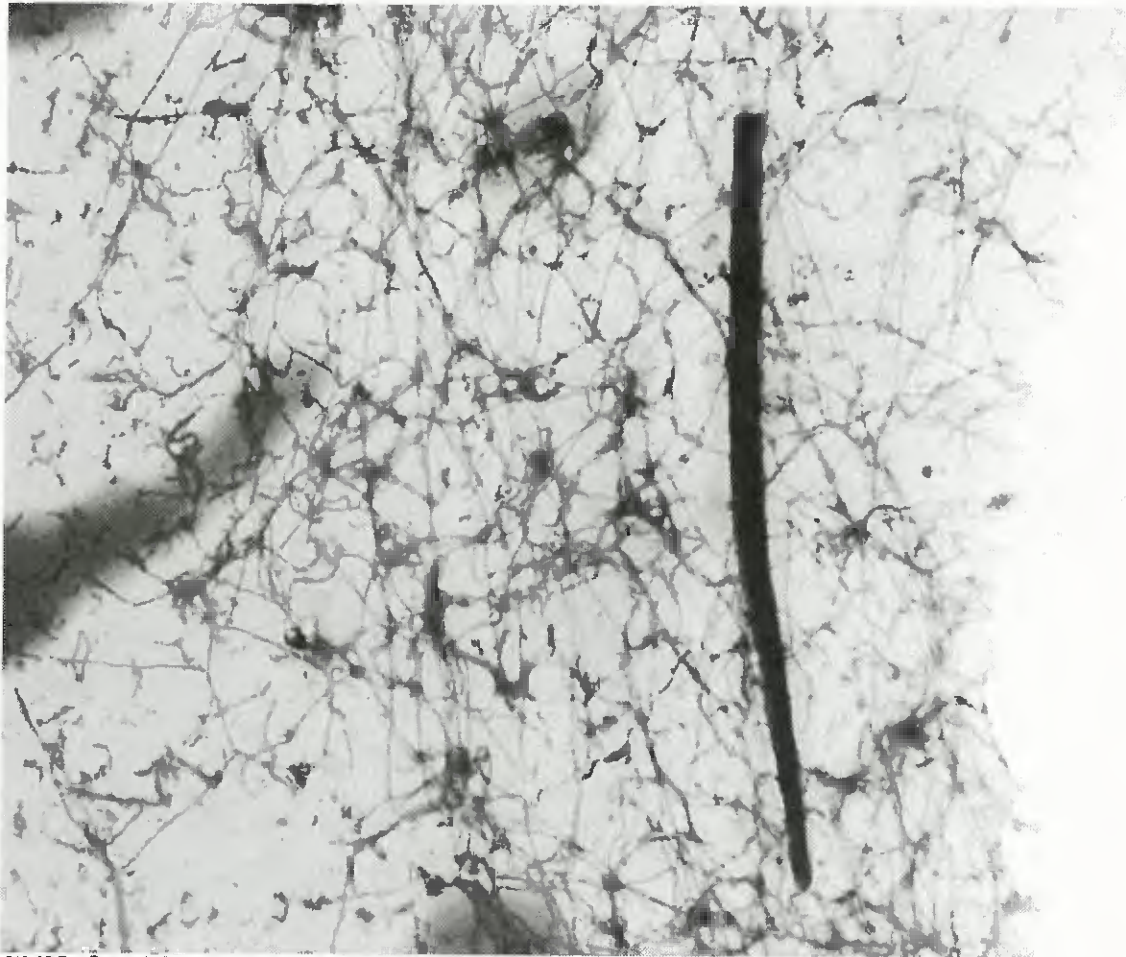
## LAB WORKSHEET

Page: 3 of 3

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## Sample 20180061-50D Talc (GO B8) - Morphology



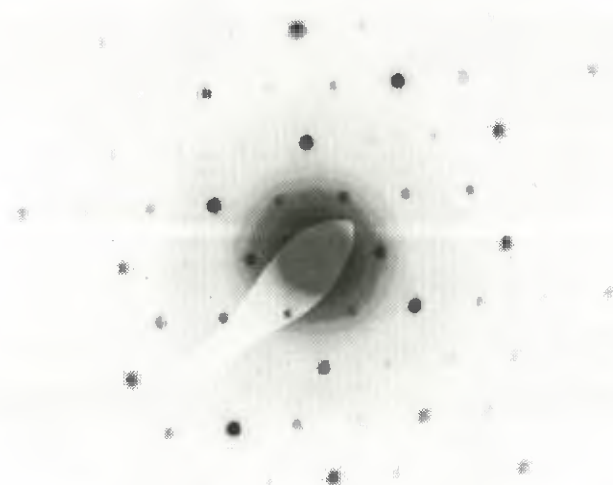
StS-05 Full Quant\_001  
Talc  
GO - B8  
Microscopist: LWP

1  $\mu$ m  
HV=100kV  
Direct Mag: 12000 x  
J3 Resources, Inc.





## Sample 20180061-50D Talc (GO B8) – Diffraction Pattern



StS-05 Full Quant\_002  
Talc - SAED  
GO - B8  
Microscopist: LWP

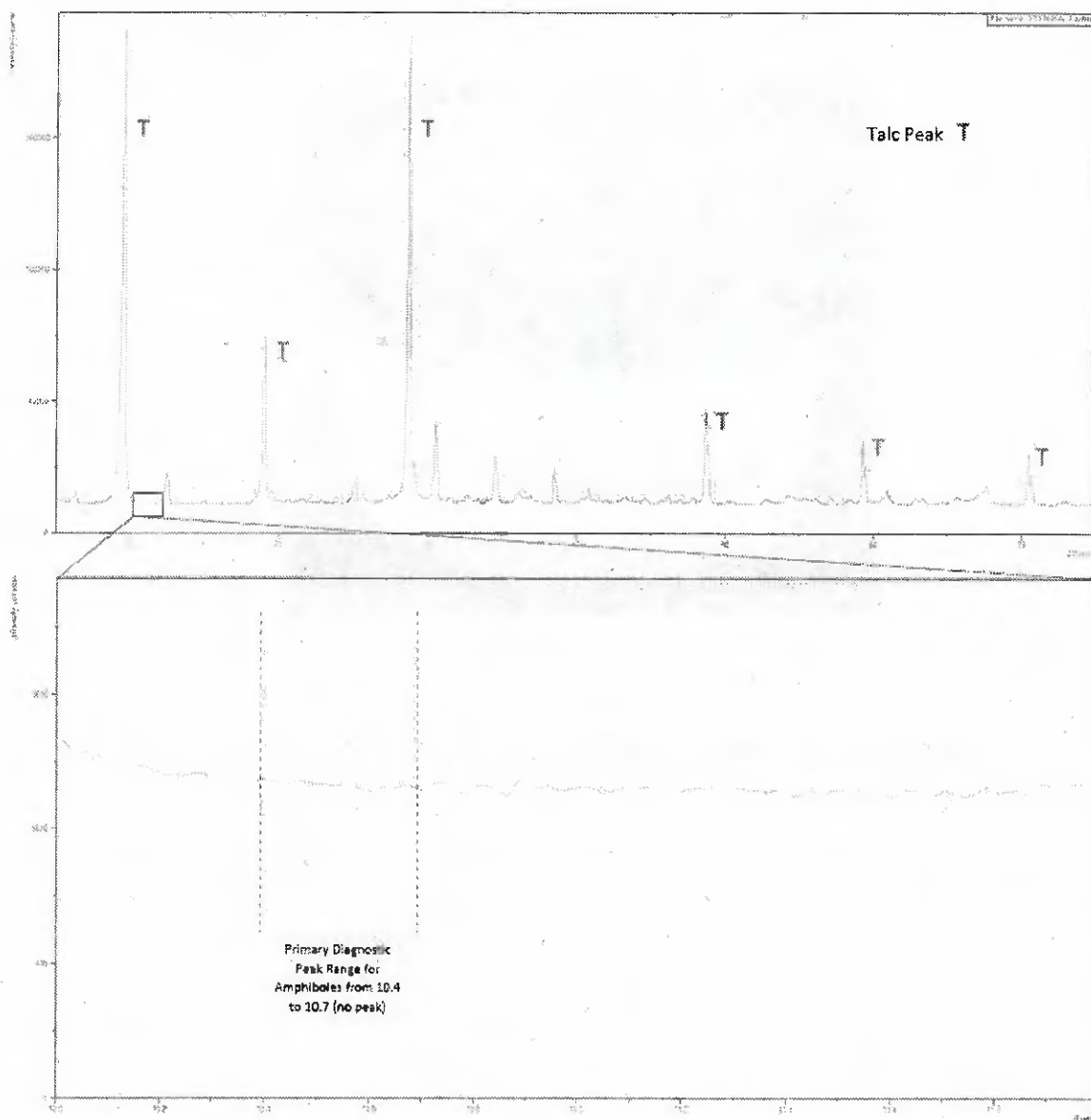
0.2 (1/A)  
HV=100kV  
Cam Len: 0.8000 m  
J3 Resources, Inc.



## Determination of Asbestos in Talc by XRD

ISO 22262-3:2016

Sample 20180061-50D

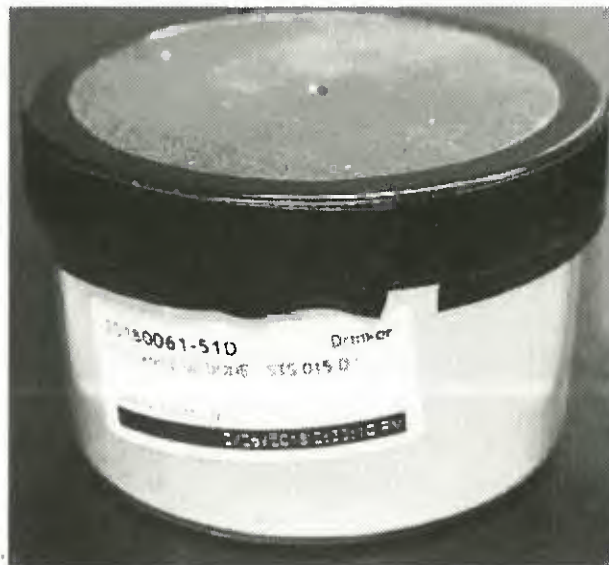


*No Amphibole Peak Present*



## **Sample 20180061-51D**

**(J3 Lab ID: STS 1606A)**



Sample as received by J3 Resources, Inc.



## Determination of Asbestos in Talc by PLM

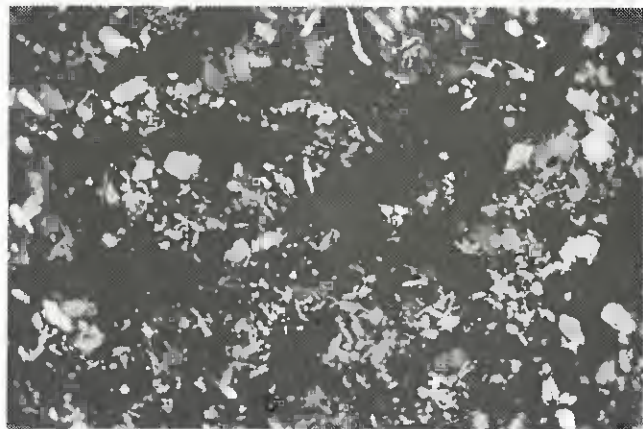
ISO 22262-1:2014

### Sample 20180061-51D

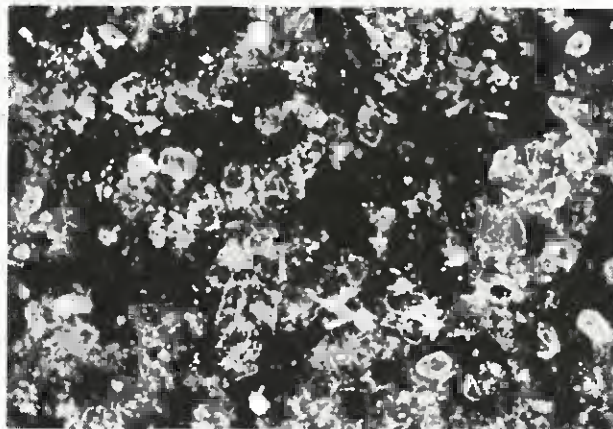
The sample was a white powder containing 85% medium to large platy Talc particles (100 $\mu$ m to >200 $\mu$ m in size) and Talc rods. The remaining 15% percent was composed of carbonate material.

No asbestos was detected by PLM.

### Polarized Light Microscope Images



*100X Magnification of Talc Particles  
Crossed polars and 530nm gypsum  
compensator plate*



*100X Magnification dispersion  
staining of Talc Particles  
1.550 refractive index oil*





## Determination of Asbestos in Talc by ATEM

ISO 22262-2:2014

**Sample 20180061-51D**

J3 Order #: JH1898969

Analyst: Lee Poye

Customer: Joseph Satterley, Esq.

Date: 4-Jul-2018

Weight of Sample*:	0.0176 g	Filter Size:	25 mm
Percent of Original Sample*:	77%	Filter Pore Size:	0.2 $\mu\text{m}$
Suspension Volume:	1.5 mL	Area of Analytical Filter:	210 $\text{mm}^2$
Filtered Suspension Volume:	0.1 mL	GO Size:	0.0132 $\text{mm}^2$
		GO Area Analyzed:	1.056 $\text{mm}^2$

### Results Summary

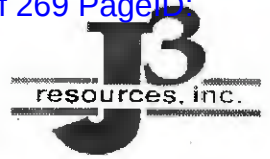
Asbestos Structure Number	Length ( $\mu\text{m}$ )	Width ( $\mu\text{m}$ )	Aspect Ratio	Asbestos Type
N/D	N/A	N/A	N/A	None Detected
AVERAGE	N/A	N/A	N/A	

Total Asbestos Structures: 0

Asbestos Mass Fraction: < 0.000000032%

Asbestos Mass Fraction of Original Sample: < 0.000000024%

\* Sample was previously gravimetrically reduced.

**Determination of Asbestos in Talc by ATEM****LAB WORKSHEET****Customer:** Joseph Satterley, Esq.**Analyst:** Lee Poye**J3 Order #:** JH1898969**Date:** 4-Jul-2018**Sample #:** 20180061-51D**Page:** 1 of 3**Magnification Scan at 3,000X**

Grid	G.O. #	Non-Asbestos	Asbestos Tally	L x W (µm)	TYPE	Images			Comments
						EDS	Morphology	SAED	
1									
	D1		NSD						
	D2		NSD						
	D3		NSD						
	D4		NSD						
	D5		NSD						
	D6		NSD						
	D7		NSD						
	D8		NSD						
	D9		NSD						
	D10		NSD						
	E1		NSD						
	E2		NSD						
	E3		NSD						
	E4		NSD						
	E5		NSD						
	E6		NSD						
	E7		NSD						
	E8		NSD						
	E9		NSD						
	E10		NSD						
2									
	G1		NSD						
	G2		NSD						
	G3		NSD						
	G4		NSD						
	G5		NSD						
	G6		NSD						
	G7		NSD						
	G8		NSD						
	G9		NSD						
	G10		NSD						
	H1		NSD						
	H2		NSD						
	H3		NSD						
	H4		NSD						
	H5		NSD						

**Determination of Asbestos in Talc by ATEM****LAB WORKSHEET****Customer:** Joseph Satterley, Esq.**Analyst:** Lee Poye**J3 Order #:** JH1898969**Date:** 4-Jul-2018**Sample #:** 20180061-51D**Page:** 2 of 3**Magnification Scan at 3,000X**

Grid	G.O. #	Non-Asbestos	Asbestos Tally	L x W (µm)	TYPE	Images			Comments
						EDS	Morphology	SAED	
2									
	H6		NSD						
	H7		NSD						
	H8		NSD						
	H9		NSD						
	H10		NSD						
3									
	C1		NSD						
	C2		NSD						
	C3		NSD						
	C4		NSD						
	C5		NSD						
	C6		NSD						
	C7		NSD						
	C8		NSD						
	C9		NSD						
	C10		NSD						
	D1		NSD						
	D2		NSD						
	D3		NSD						
	D4		NSD						
	D5		NSD						
	D6		NSD						
	D7		NSD						
	D8		NSD						
	D9		NSD						
	D10		NSD						
4									
	I1		NSD						
	I2		NSD						
	I3		NSD						
	I4		NSD						
	I5		NSD						
	I6		NSD						
	I7		NSD						
	I8		NSD						



## LAB WORKSHEET

Page: 3 of 3

Page 97 of 268

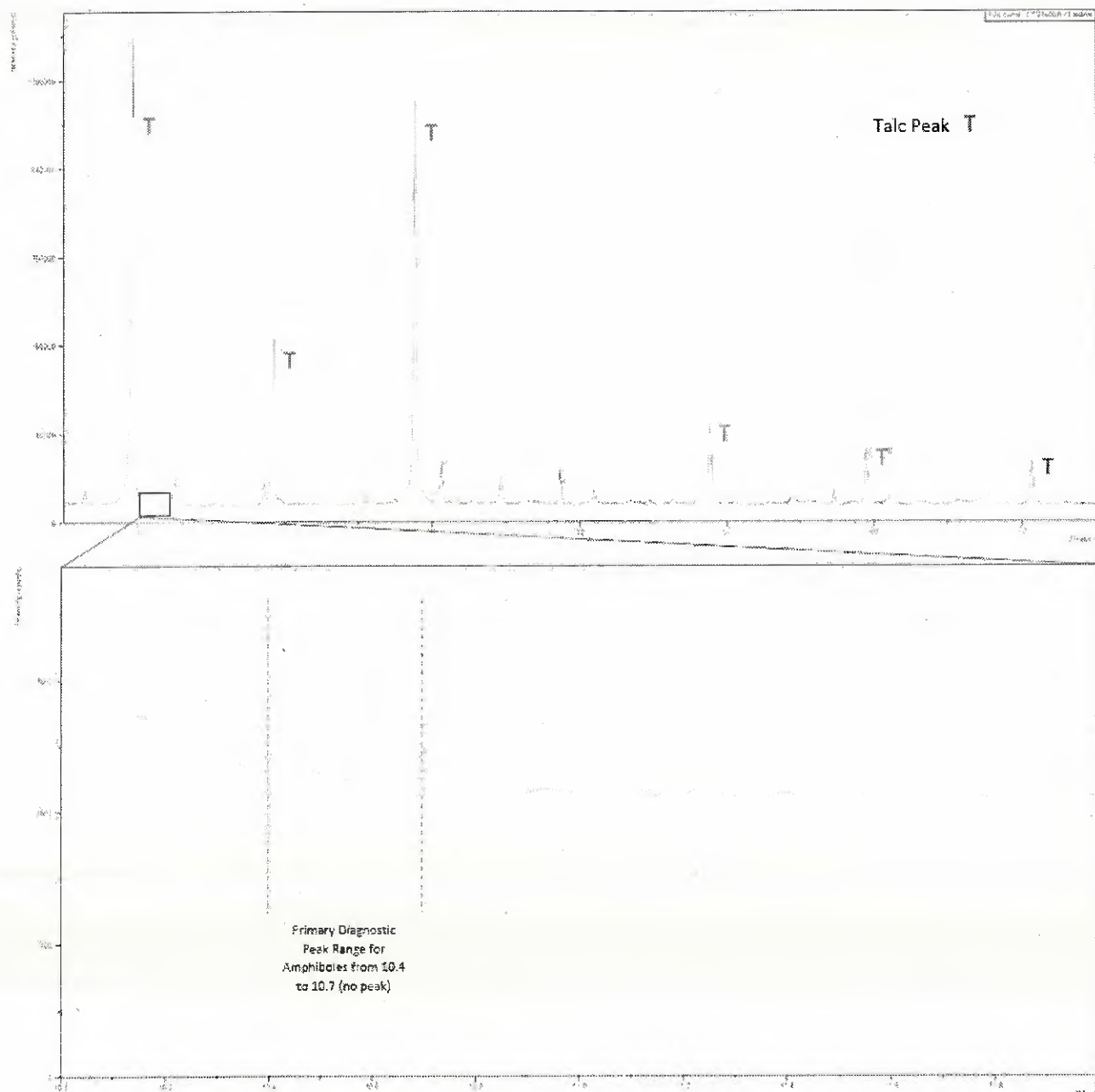




# Determination of Asbestos in Talc by XRD

ISO 22262-3:2016

Sample 20180061-51D



*No Amphibole Peak Present*



## **Sample 20180061-52D**

**(J3 Lab ID: STS 1607A)**



Sample as received by J3 Resources, Inc.



## Determination of Asbestos in Talc by PLM

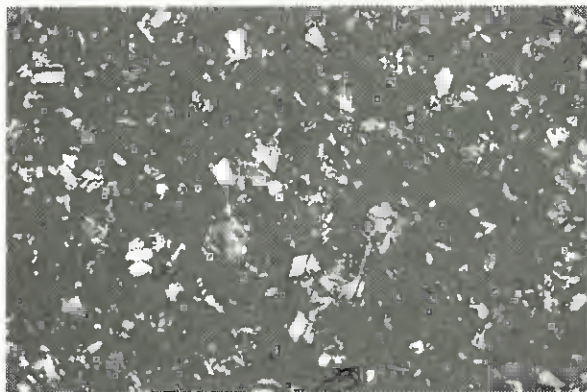
ISO 22262-1:2014

### Sample 20180061-52D

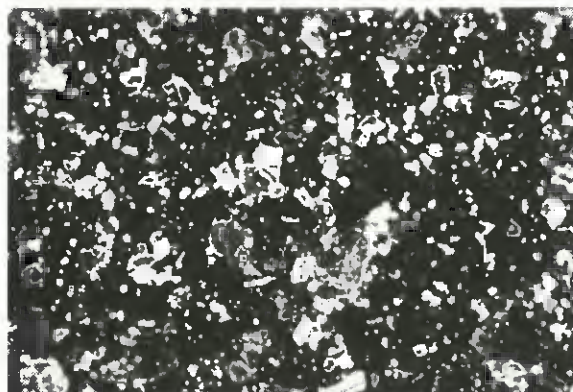
The sample was a white powder containing 60% medium to large platy Talc particles (100 $\mu$ m to >200 $\mu$ m in size). The remaining 40% percent was composed of 20% starch and 20% carbonate material.

No asbestos was detected by PLM.

### Polarized Light Microscope Images



*100X Magnification of Talc Particles  
Crossed polars and 530nm gypsum  
compensator plate*



*100X Magnification dispersion  
staining of Talc Particles  
1.550 refractive index oil*



## Determination of Asbestos in Talc by ATEM

ISO 22262-2:2014

**Sample 20180061-52D**

J3 Order #: JH1898969

Analyst: Lee Poye

Customer: Joseph Satterley, Esq.

Date: 5-Jul-2018

Weight of Sample\*: 0.0171 g  
Percent of Original Sample\*: 66%  
Suspension Volume: 1.5 mL  
Filtered Suspension Volume: 0.1 mL

Filter Size: 25 mm  
Filter Pore Size: 0.2  $\mu\text{m}$   
Area of Analytical Filter: 210 mm<sup>2</sup>  
GO Size: 0.0132 mm<sup>2</sup>  
GO Area Analyzed: 1.056 mm<sup>2</sup>

### Results Summary

Asbestos Structure Number	Length ( $\mu\text{m}$ )	Width ( $\mu\text{m}$ )	Aspect Ratio	Asbestos Type
1	50	1.5	33.3	Anthophyllite
2	25	1.5	16.6	Anthophyllite
3	10	0.5	20	Anthophyllite
4	19	1.0	19	Anthophyllite
5	11	1.0	11	Anthophyllite
6	9	1.0	9	Anthophyllite
7	30	0.8	37.5	Anthophyllite
8	8	0.25	32	Anthophyllite
9	3.5	0.25	14	Anthophyllite
AVERAGE	18.4	0.87	21.2	

Total Asbestos Structures: 9  
Anthophyllite Density: 3000 kg/m<sup>3</sup>  
Cross-section Shape Factor (Amphibole): 0.5

Asbestos Mass Fraction: 0.0060%  
Asbestos Mass Fraction of Original Sample: 0.0040%

\* Sample was previously gravimetrically reduced.





## LAB WORKSHEET

Page: 2 of 3

Page 103 of 268



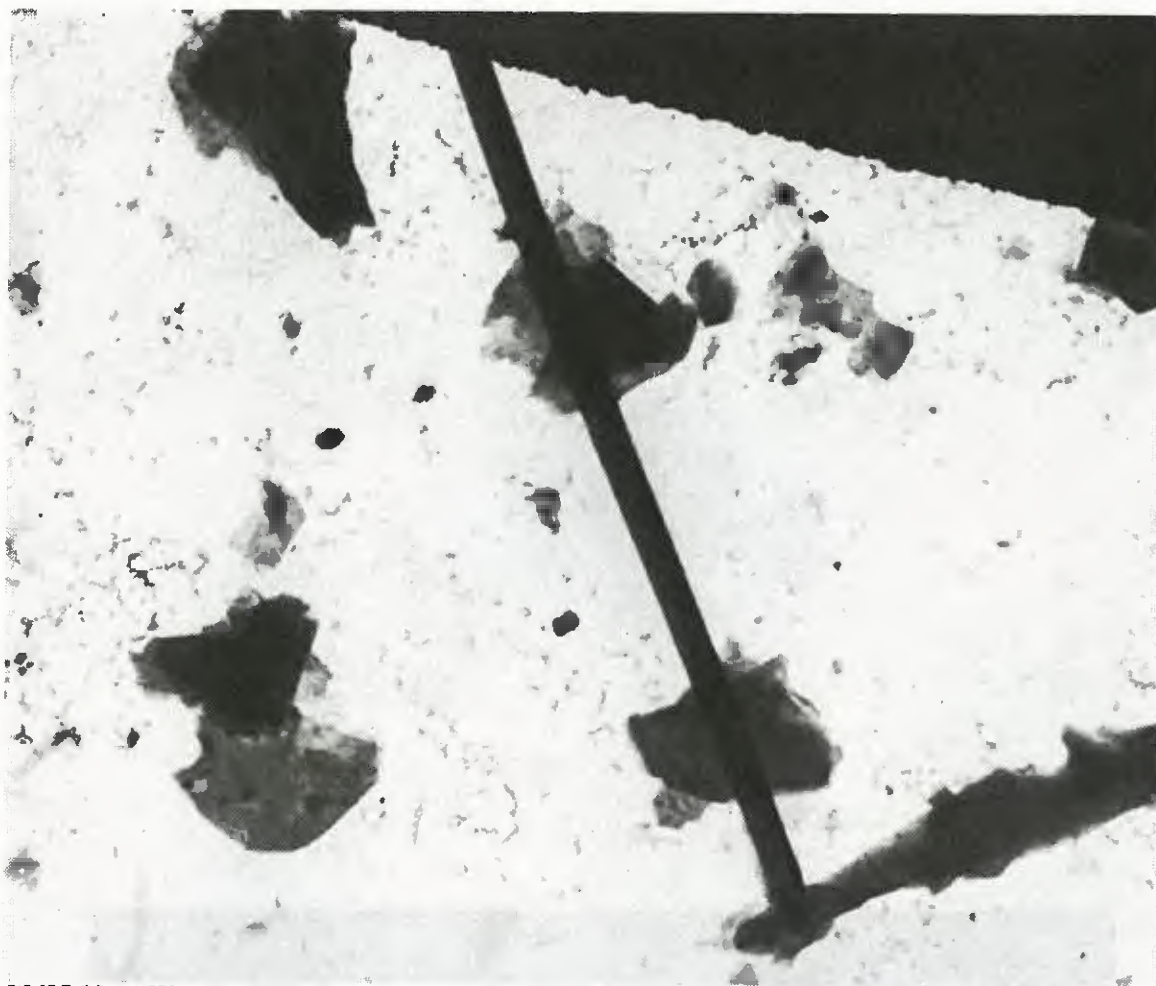
## LAB WORKSHEET

Page: 3 of 3

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## Sample 20180061-52D Structure 1 - Morphology



SIS-07 Full Quant\_001  
Anthophyllite  
GO-B4  
Microscopist: LWP

6  $\mu$ m  
HV=100kV  
Direct Mag: 2500 x  
J3 Resources, Inc.





## Sample 20180061-52D Structure 1 – Diffraction Pattern

SIS-07 Full Quant\_002  
Anthophyllite - SAED  
GO-B4  
Microscopist: LWP

0.2 (1/Å)  
HV=100kV  
Cam Len: 0.8000 m  
J3 Resources, Inc.



## Sample 20180061-52D Structure 2 - Morphology



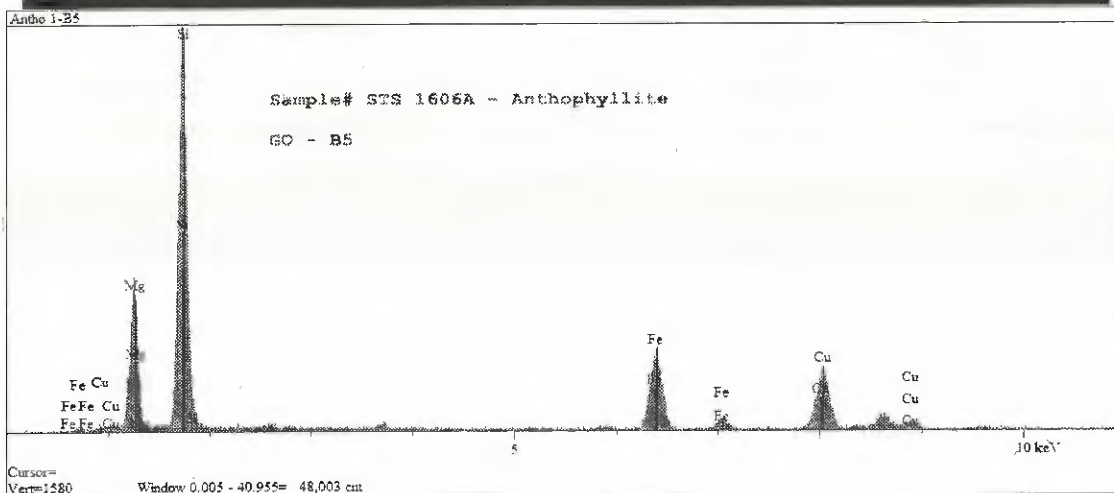
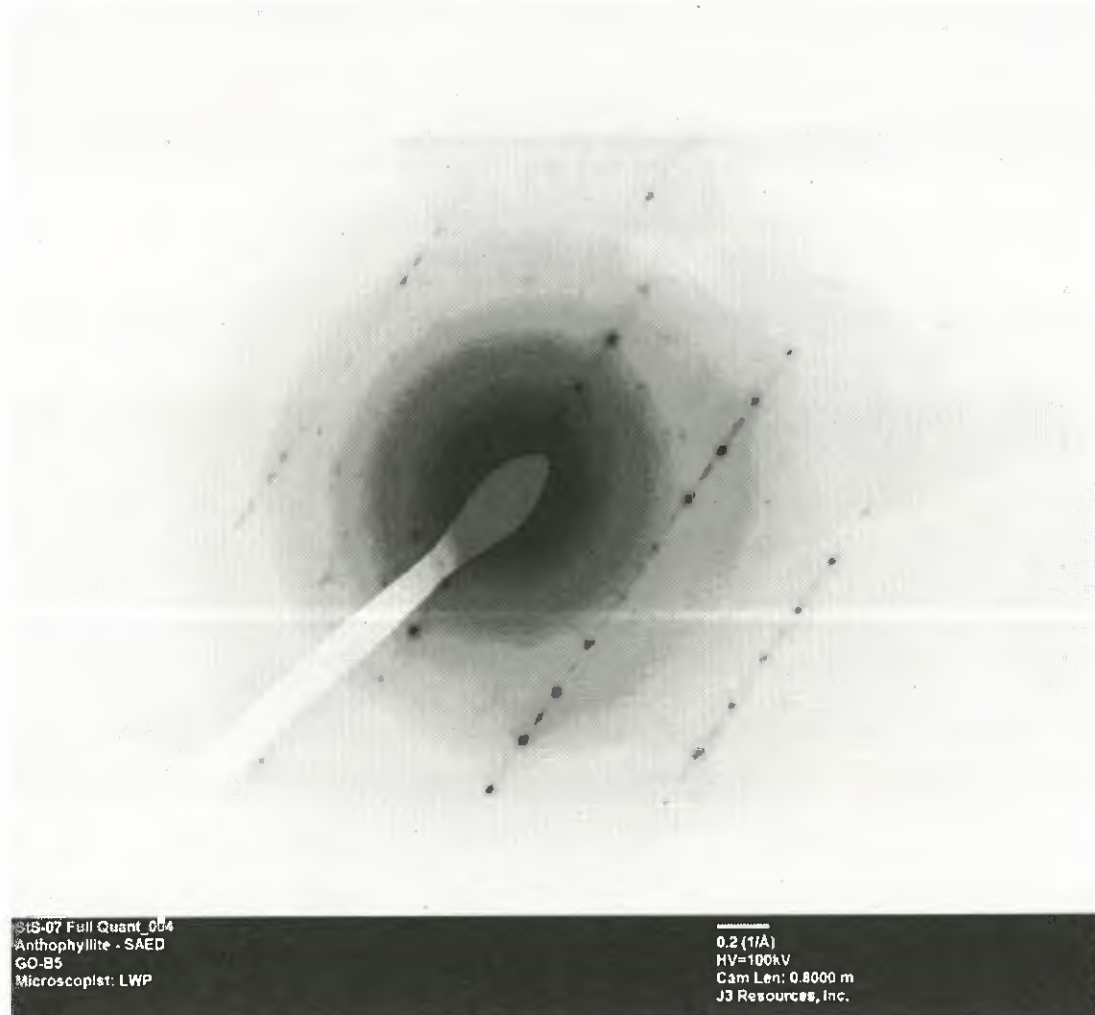
StS-07 Full Quant\_003  
Anthophyllite  
GO-B5  
Microscopist: LWP

2  $\mu$ m  
HV=100kV  
Direct Mag: 4000 x  
J3 Resources, Inc.



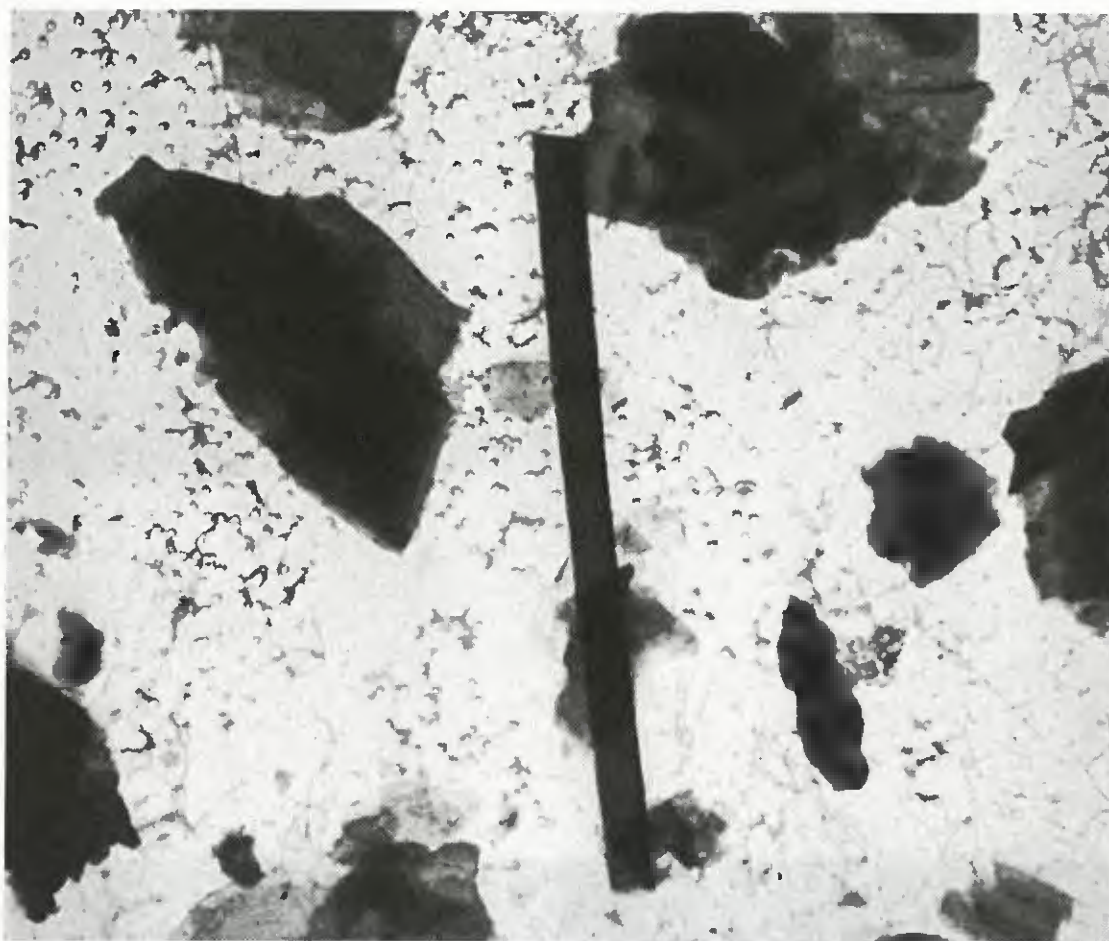
## Sample 20180061-52D

### Structure 2 – Diffraction Pattern and EDS





## Sample 20180061-52D Structure 4 - Morphology



StS-07 Full Quant\_005  
Anthophyllite  
GO-C2  
Microscopist: LWP

2  $\mu$ m  
HV=100kV  
Direct Mag: 4000 x  
J3 Resources, Inc.





## Sample 20180061-52D

### Structure 4 – Diffraction Pattern and EDS

StS-07 Full Quant\_006  
Anthophyllite - SAED  
G0-C2  
Microscopist: LWP

0.2 (1/A)  
HV=100kV  
Cam Len: 0.9000 m  
J3 Resources, Inc.



## Sample 20180061-52D Structure 7 - Morphology



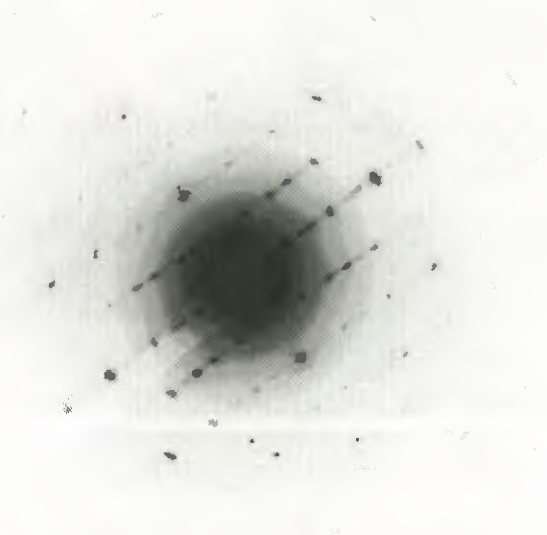
STS-07 Full Quant\_007  
Anthophyllite  
GO-F8  
Microscopist: LWP

4  $\mu$ m  
HV=100kV  
Direct Mag: 3000 x  
J3 Resources, Inc.



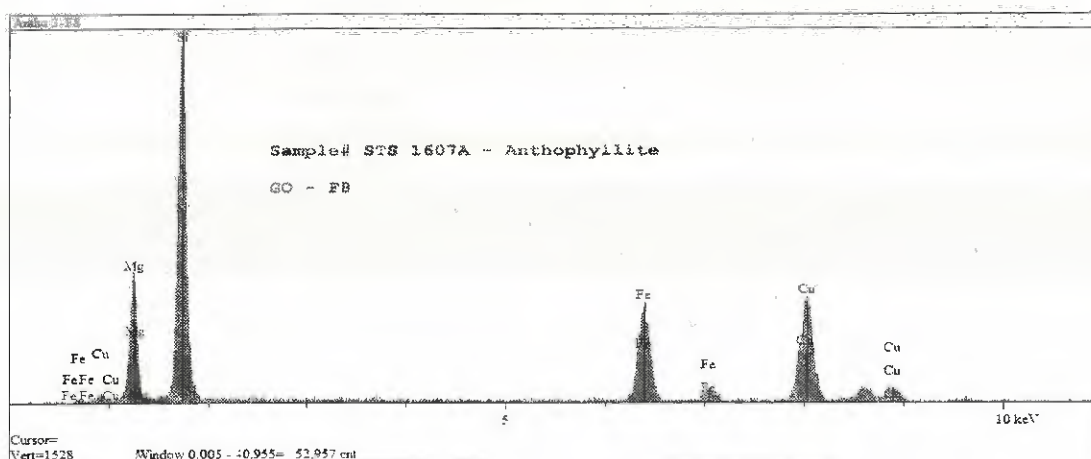
## Sample 20180061-52D

### Structure 7 – Diffraction Pattern and EDS



STS-07 Full Quant\_008  
Anthophyllite - SAED  
GO-F8  
Microscopist: LWP

0.2 (1/A)  
HV=100kV  
Cam Len: 0.8000 m  
J3 Resources, Inc.





## Sample 20180061-52D Structure 8 - Morphology



StS-07 Full Quant\_009  
Anthophyllite  
GO-F9  
Microscopist: LWP

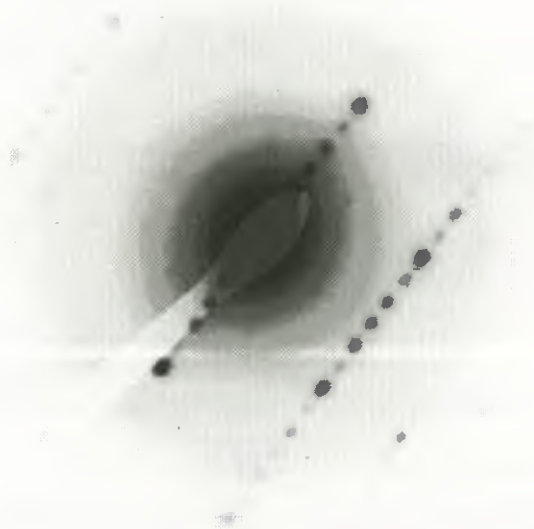
1  $\mu$ m  
HV=100kV  
Direct Mag: 12000.x  
J3 Resources, Inc.





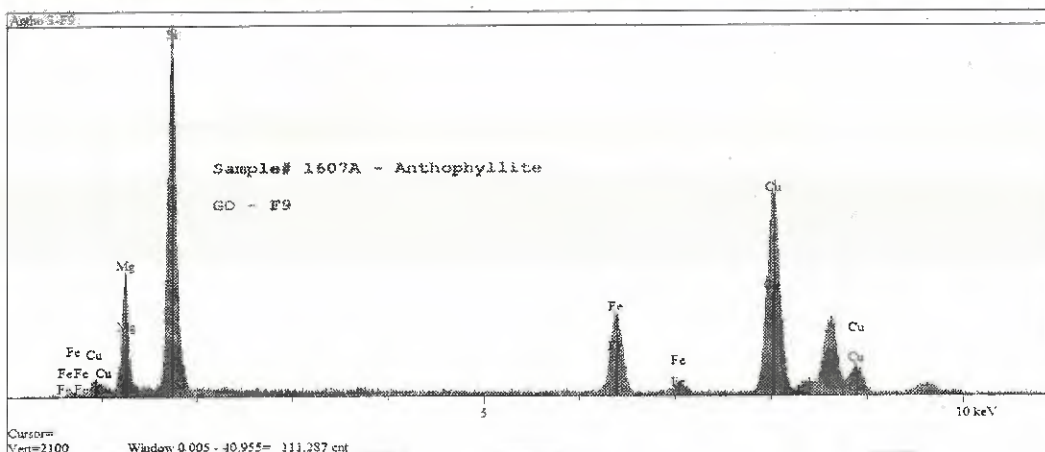
## Sample 20180061-52D

### Structure 8 – Diffraction Pattern and EDS



07 Full Quant. 010  
Anthophyllite - SAED  
GO-F9  
Microscopist: LWP

0.2 (1/Å)  
HV=100kV  
Cam Len: 0.8000 m  
J3 Resources, Inc.

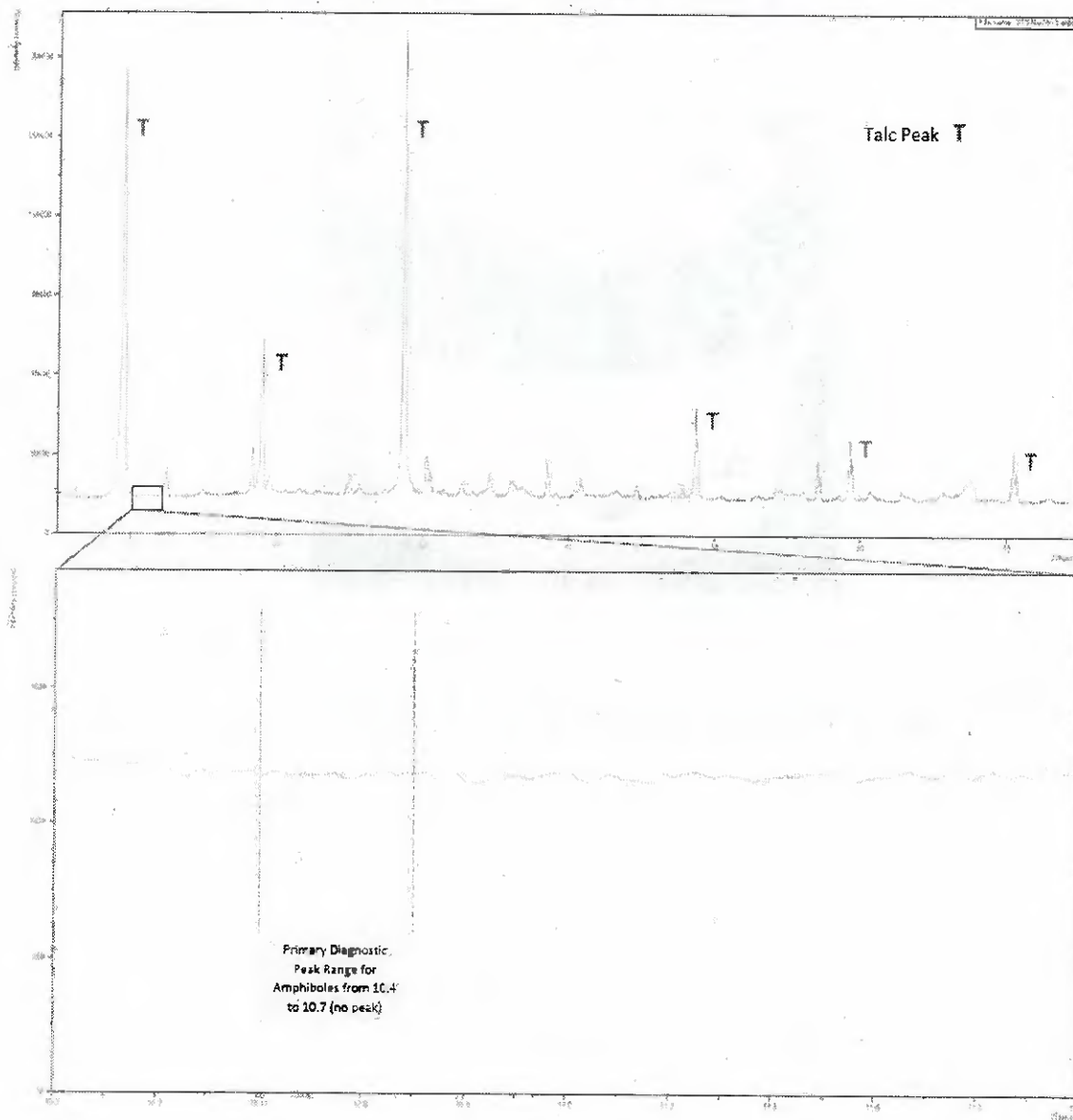




## Determination of Asbestos in Talc by XRD

ISO 22262-3:2016

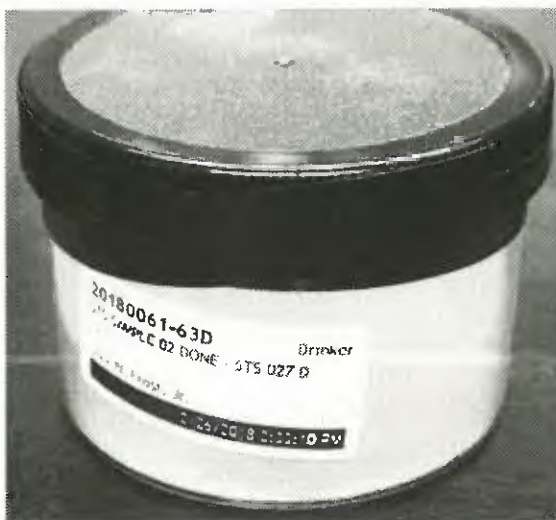
Sample 20180061-52D



*No Amphibole Peak Present*



## Sample 20180061-63D (J3 Lab ID: STS 1608A)



Sample as received by J3 Resources, Inc.



## Determination of Asbestos in Talc by PLM

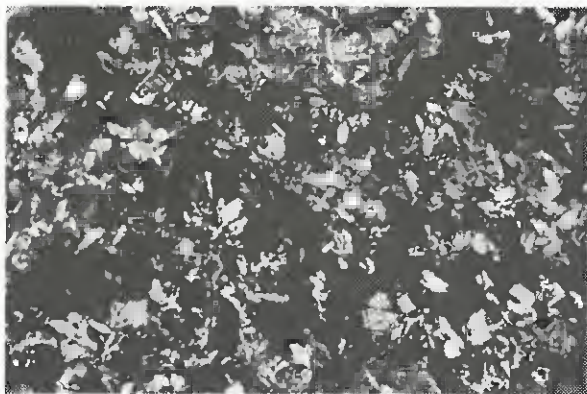
ISO 22262-1:2014

### Sample 20180061-63D

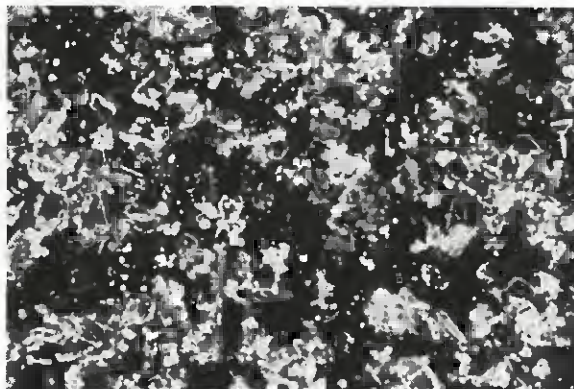
The sample was a white powder containing 60% medium to large platy Talc particles (100 $\mu$ m to >200 $\mu$ m in size). The remaining 40% percent was composed of 20% starch and 20% carbonate material.

No asbestos was detected by PLM.

### Polarized Light Microscope Images



*100X Magnification of Talc Particles  
Crossed polars and 530nm gypsum  
compensator plate*



*100X Magnification dispersion  
staining of Talc Particles  
1.550 refractive index oil*





## Determination of Asbestos in Talc by ATEM

ISO 22262-2:2014

**Sample 20180061-63D**

J3 Order #: JH1898969

Analyst: Lee Poye

Customer: Joseph Satterley, Esq.

Date: 5-Jul-2018

Weight of Sample*:	0.0177 g	Filter Size:	25 mm
Percent of Original Sample*:	67%	Filter Pore Size:	0.2 $\mu\text{m}$
Suspension Volume:	1.5 mL	Area of Analytical Filter:	210 $\text{mm}^2$
Filtered Suspension Volume:	0.1 mL	GO Size:	0.0132 $\text{mm}^2$
		GO Area Analyzed:	1.056 $\text{mm}^2$

### Results Summary

Asbestos Structure Number	Length ( $\mu\text{m}$ )	Width ( $\mu\text{m}$ )	Aspect Ratio	Asbestos Type
1	13	0.4	32.5	Anthophyllite
AVERAGE	13	0.4	32.5	

Total Asbestos Structures:	1
Anthophyllite Density:	3000 $\text{kg/m}^3$
Cross-section Shape Factor (Amphibole):	0.5

Asbestos Mass Fraction:	0.000053%
Asbestos Mass Fraction of Original Sample:	0.000035%

\* Sample was previously gravimetrically reduced.

## LAB WORKSHEET

Page: 1 of 3

Page 119 of 268

## LAB WORKSHEET

Page: 2 of 3

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## LAB WORKSHEET

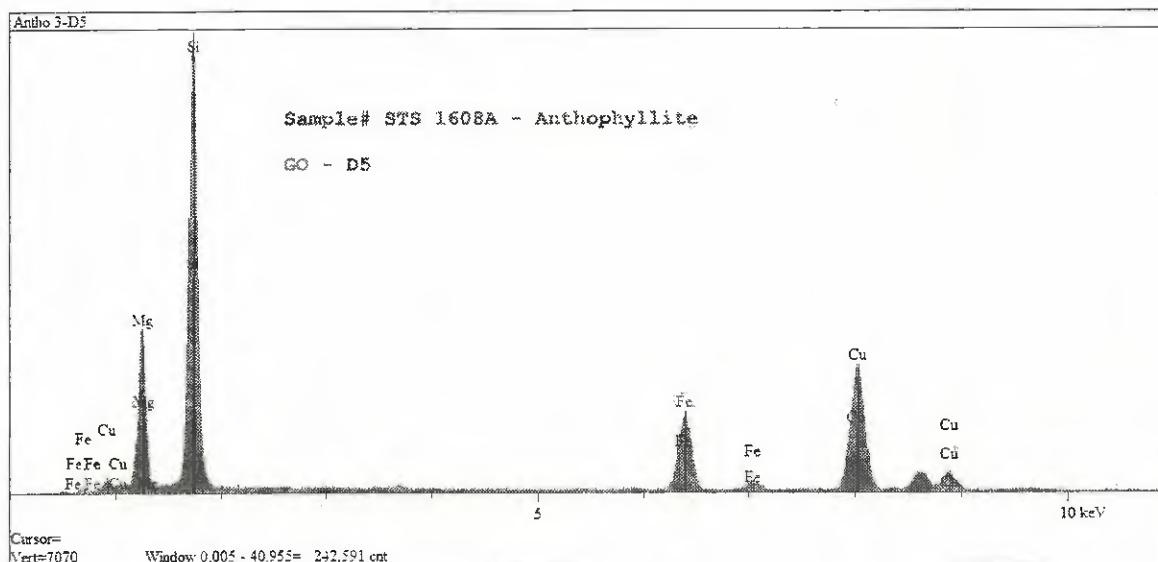
Page: 3 of 3

Page 121 of 288





## Sample 20180061-63D Structure 1 – EDS

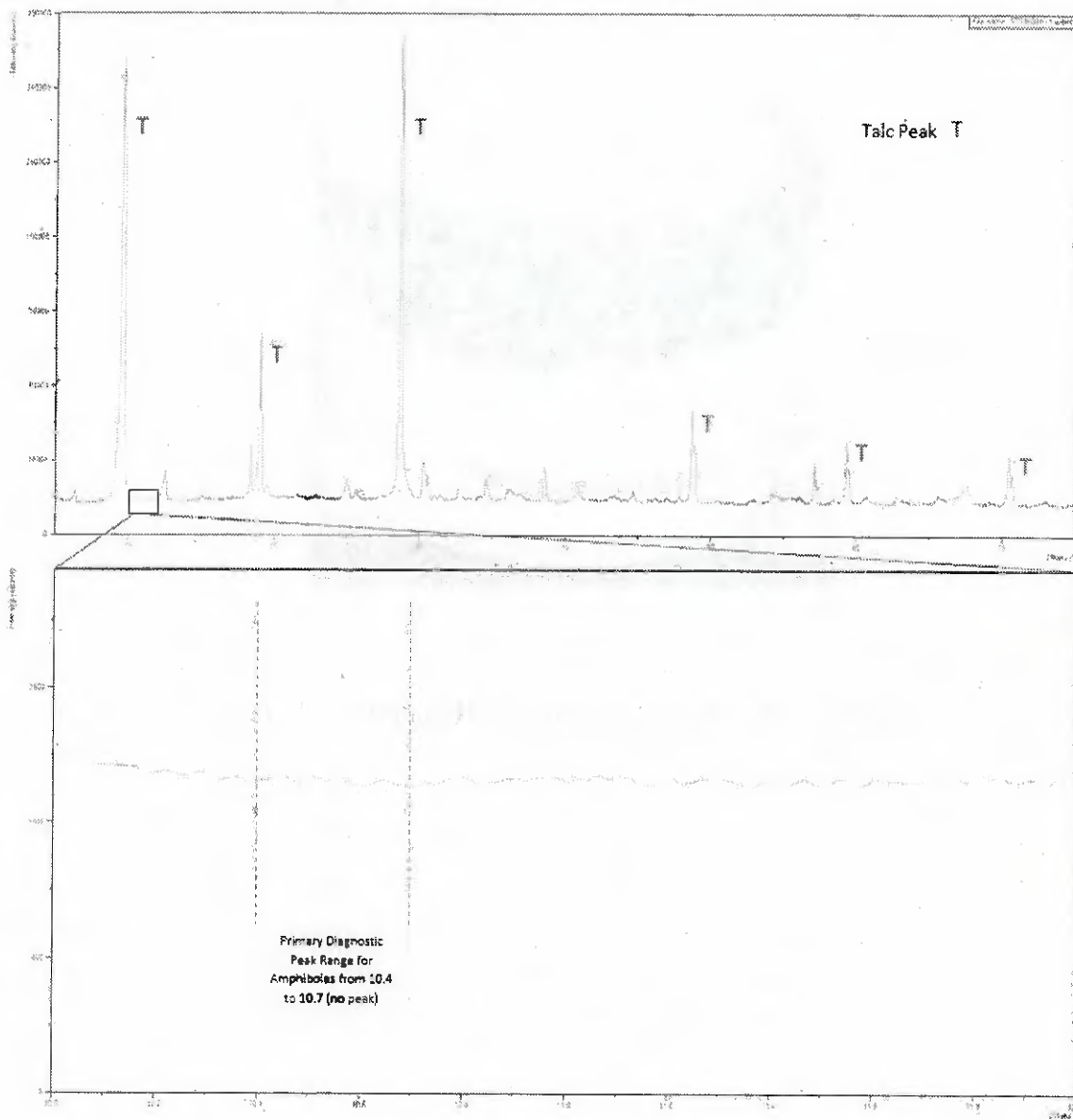




## Determination of Asbestos in Talc by XRD

ISO 22262-3:2016

Sample 20180061-63D

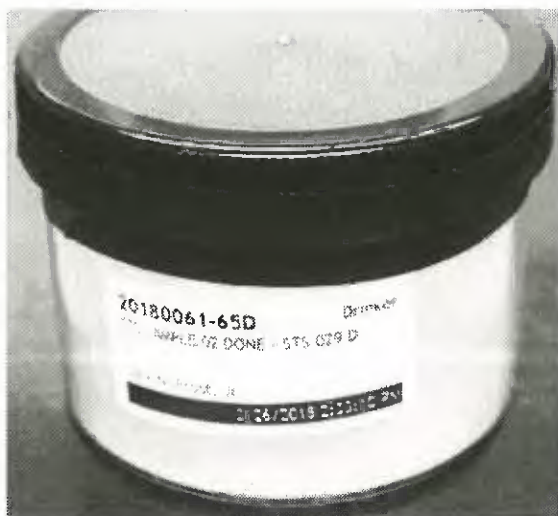


*No Amphibole Peak Present*



## **Sample 20180061-65D**

**(J3 Lab ID: STS 1609A)**



Sample as received by J3 Resources, Inc.



## Determination of Asbestos in Talc by PLM

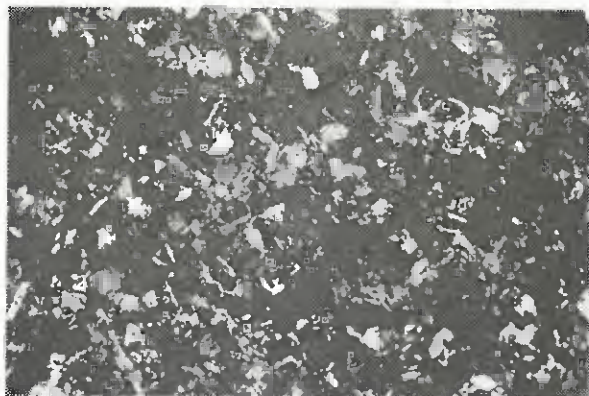
ISO 22262-1:2014

### Sample 20180061-65D

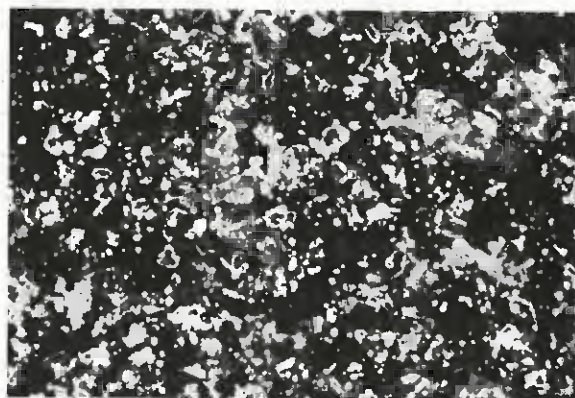
The sample was a white powder containing 60% medium to large platy Talc particles (100 $\mu$ m to >200 $\mu$ m in size). The remaining 40% percent was composed of 20% starch and 20% carbonate material.

No asbestos was detected by PLM.

### Polarized Light Microscope Images



*100X Magnification of Talc Particles  
Crossed polars and 530nm gypsum  
compensator plate*



*100X Magnification dispersion  
staining of Talc Particles  
1.550 refractive index oil*





# Determination of Asbestos in Talc by ATEM

ISO 22262-2:2014

**Sample 20180061-65D**

J3 Order #: JH1898969

Analyst: Lee Poye

Customer: Joseph Satterley, Esq.

Date: 6-Jul-2018

Weight of Sample*:	0.0179 g	Filter Size:	25 mm
Percent of Original Sample*:	68%	Filter Pore Size:	0.2 $\mu\text{m}$
Suspension Volume:	1.5 mL	Area of Analytical Filter:	210 mm <sup>2</sup>
Filtered Suspension Volume:	0.1 mL	GO Size:	0.0132 mm <sup>2</sup>
		GO Area Analyzed:	1.056 mm <sup>2</sup>

## Results Summary

Asbestos Structure #	Length (um)	Width (um)	Aspect Ratio	Asbestos Type
1	17	1.5	11.3	Anthophyllite
2	13	1.5	8.7	Anthophyllite
3	20	1.3	15.3	Anthophyllite
4	10.5	0.5	21	Anthophyllite
5	5.8	0.5	11.6	Anthophyllite
6	12	0.5	24	Anthophyllite
7	18	1.4	12.9	Anthophyllite
8	15	0.2	75	Anthophyllite
9	16	2.5	6.4	Anthophyllite
10	9	1.2	7.5	Anthophyllite
11	10	0.5	20	Anthophyllite
12	8.5	0.25	34	Anthophyllite
13	23	3.5	6.6	Anthophyllite
AVERAGE	13.7	1.18	11.6	

Total Asbestos Structures: 13

Anthophyllite Density: 3000 kg/m<sup>3</sup>

Cross-section Shape Factor (Amphibole): 0.5

Asbestos Mass Fraction: 0.014%

Asbestos Mass Fraction of Original Sample: 0.0092%

\* Sample was previously gravimetrically reduced.

## LAB WORKSHEET

Page: 1 of 3

Page 127 of 268

## LAB WORKSHEET

Page: 2 of 3

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## LAB WORKSHEET

**Customer:** Joseph Satterley, Esq.

**Analyst:** Lee Poye

**J3 Order #:** JH1898969

**Date:** 6-Jul-2018

**Sample #:** 20180061-65D

Page: 3 of 3

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## Sample 20180061-65D Structure 2 - Morphology

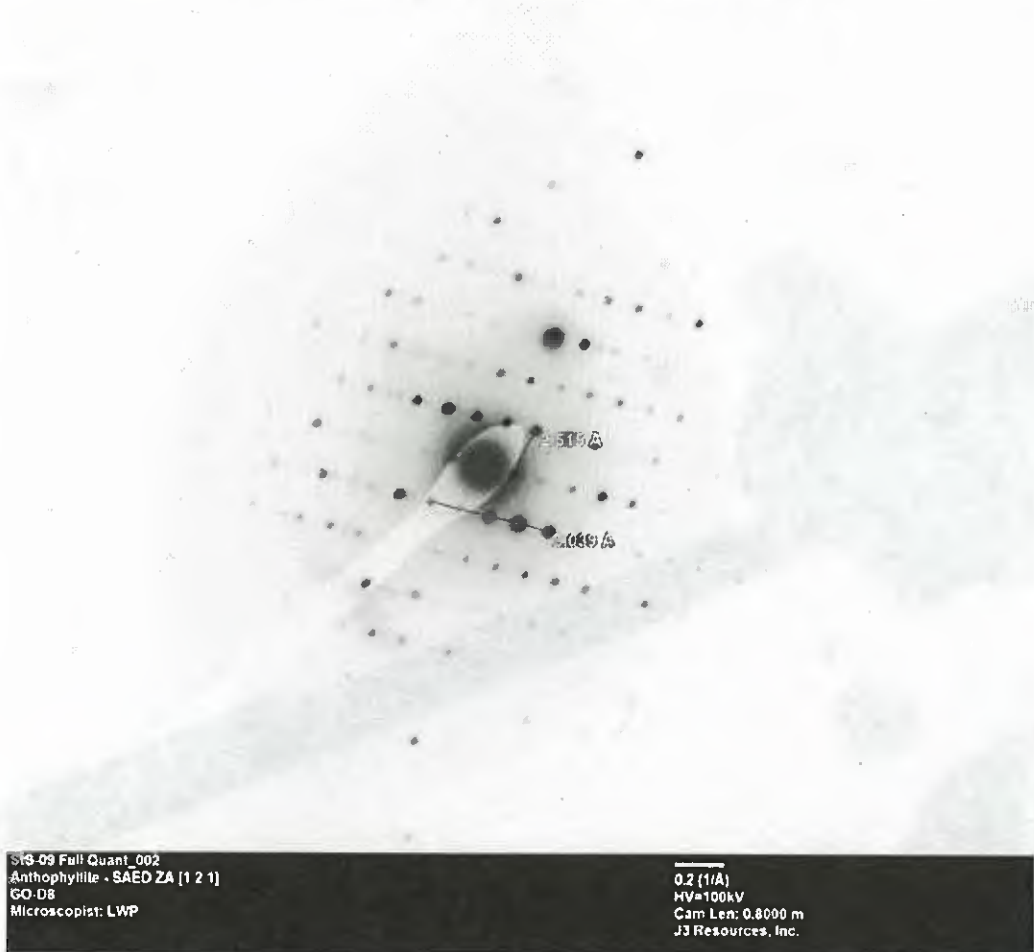


StS-09 Full Quant\_001  
Anthophyllite  
GO-D8  
Microscopist: LWP

2  $\mu$ m  
HV=100kV  
Direct Mag: 6000 x  
J3 Resources, Inc.

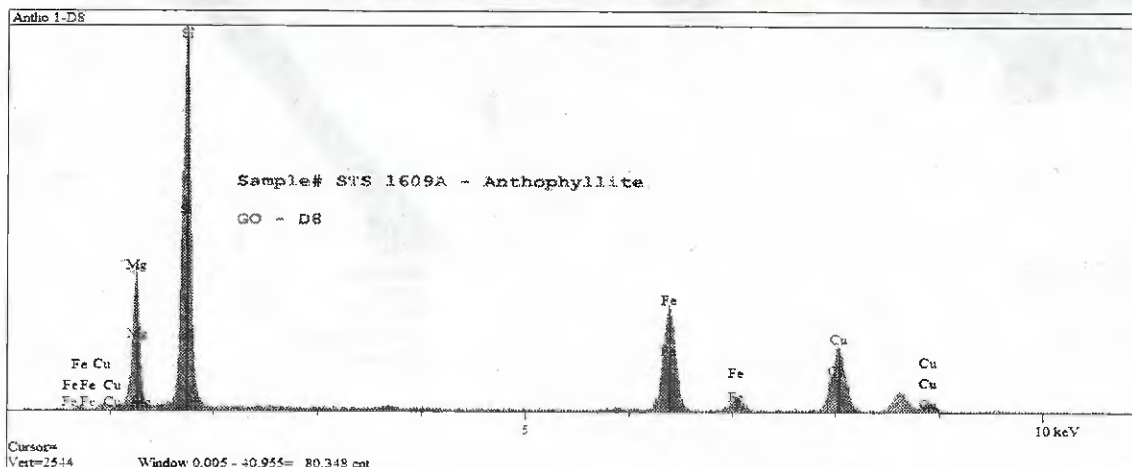


## Sample 20180061-65D Structure 2 – Diffraction Pattern and EDS



STS-09 Full Quant\_002  
Anthophyllite - SAED ZA [1 2 1]  
GO-D8  
Microscopist: LWP

0.2 (1/A)  
HV=100kV  
Cam Len: 0.8000 m  
J3 Resources, Inc.



Cursor= 25.14  
Window 0.005 - 40.955= 80,348 cnt



## Sample 20180061-65D Structure 3 - Morphology

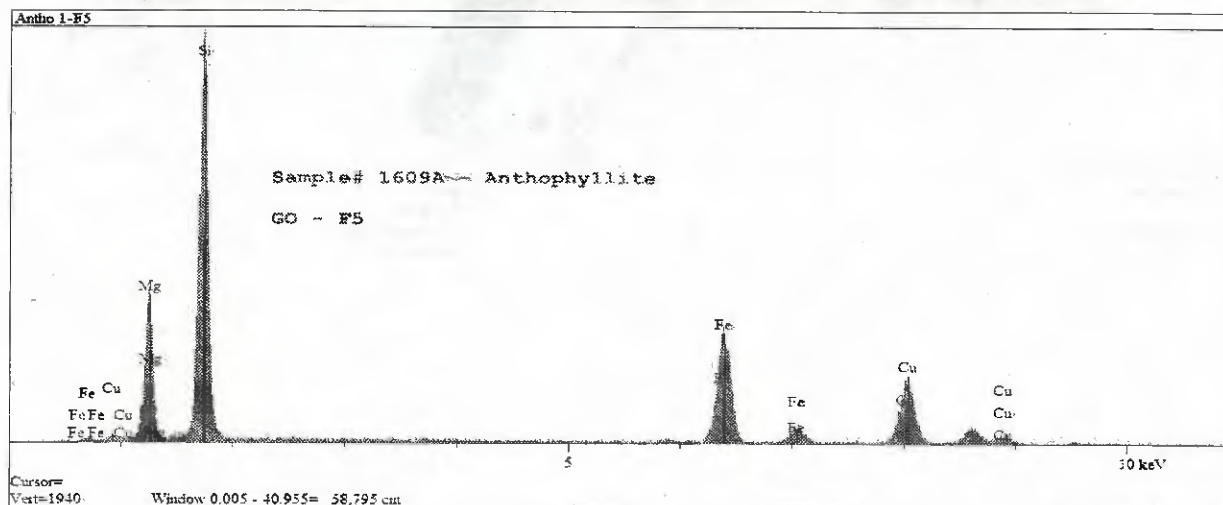


STS-09 Full Quant\_003  
Anthophyllite  
GO-F5  
Microscopist: LWP

2  $\mu$ m  
HV=100kV  
Direct Mag: 4000 x  
J3 Resources, Inc.



## Sample 20180061-65D Structure 3 – Diffraction Pattern and EDS





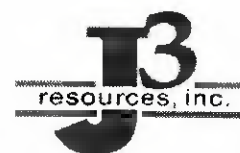


## Sample 20180061-65D Structure 4 - Morphology



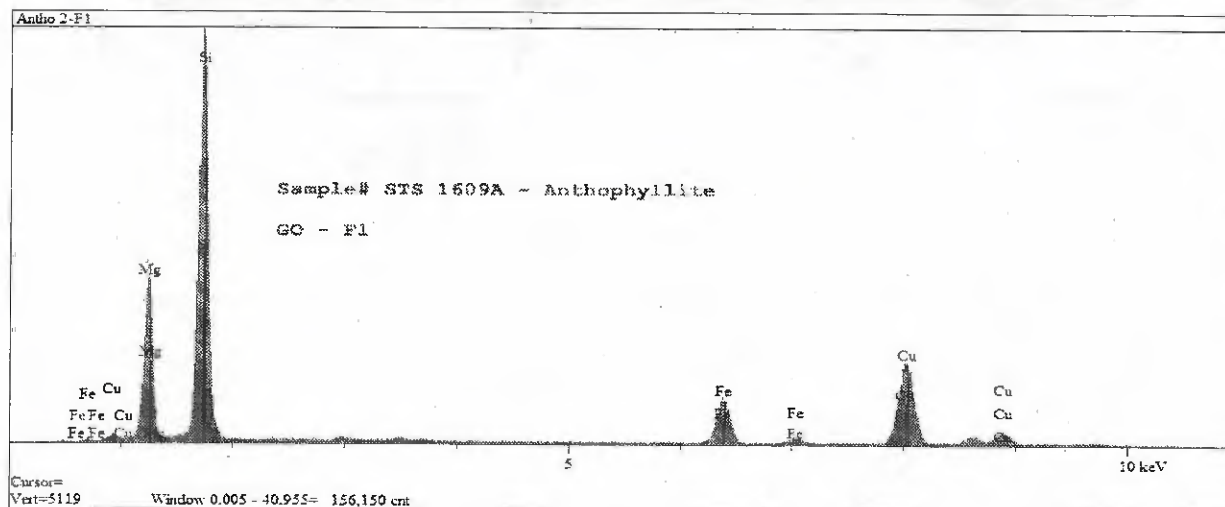
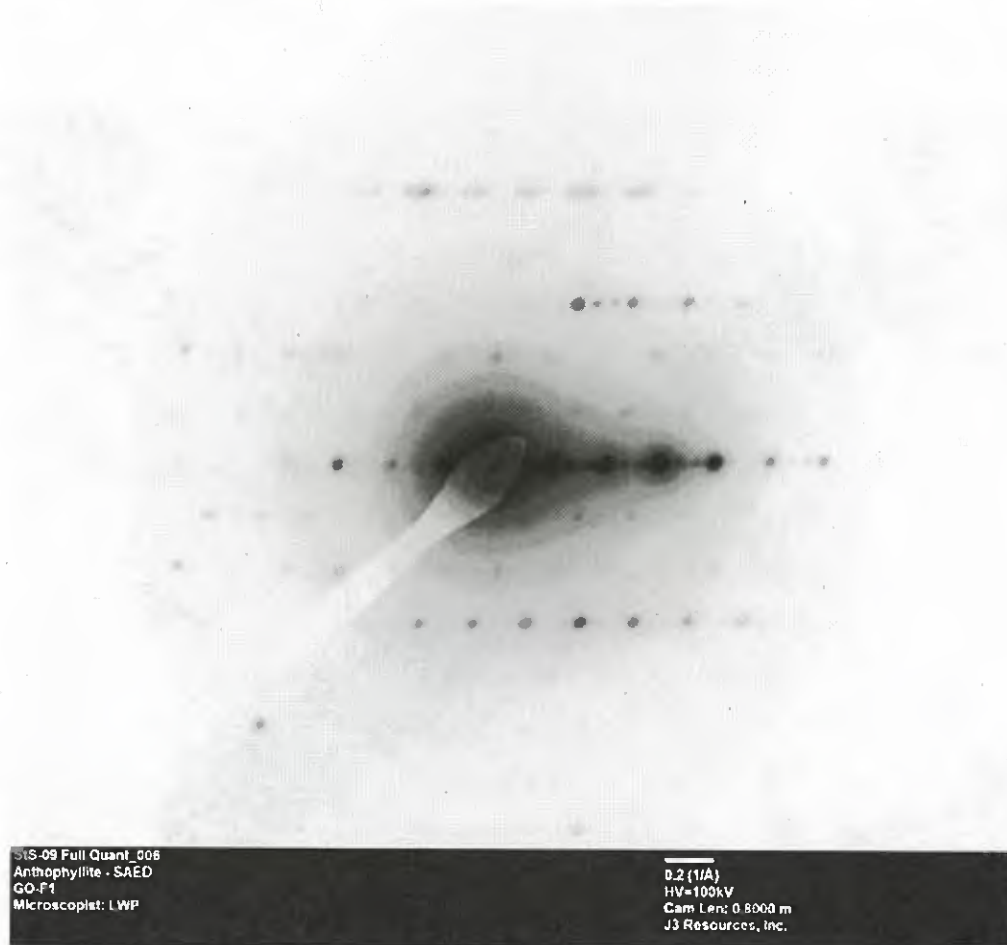
StS-09 Full Quant\_005  
Anthophyllite  
GO-F1  
Microscopist: LWP

1  $\mu$ m  
HV=100kV  
Direct Mag: 10000 x  
J3 Resources, Inc.



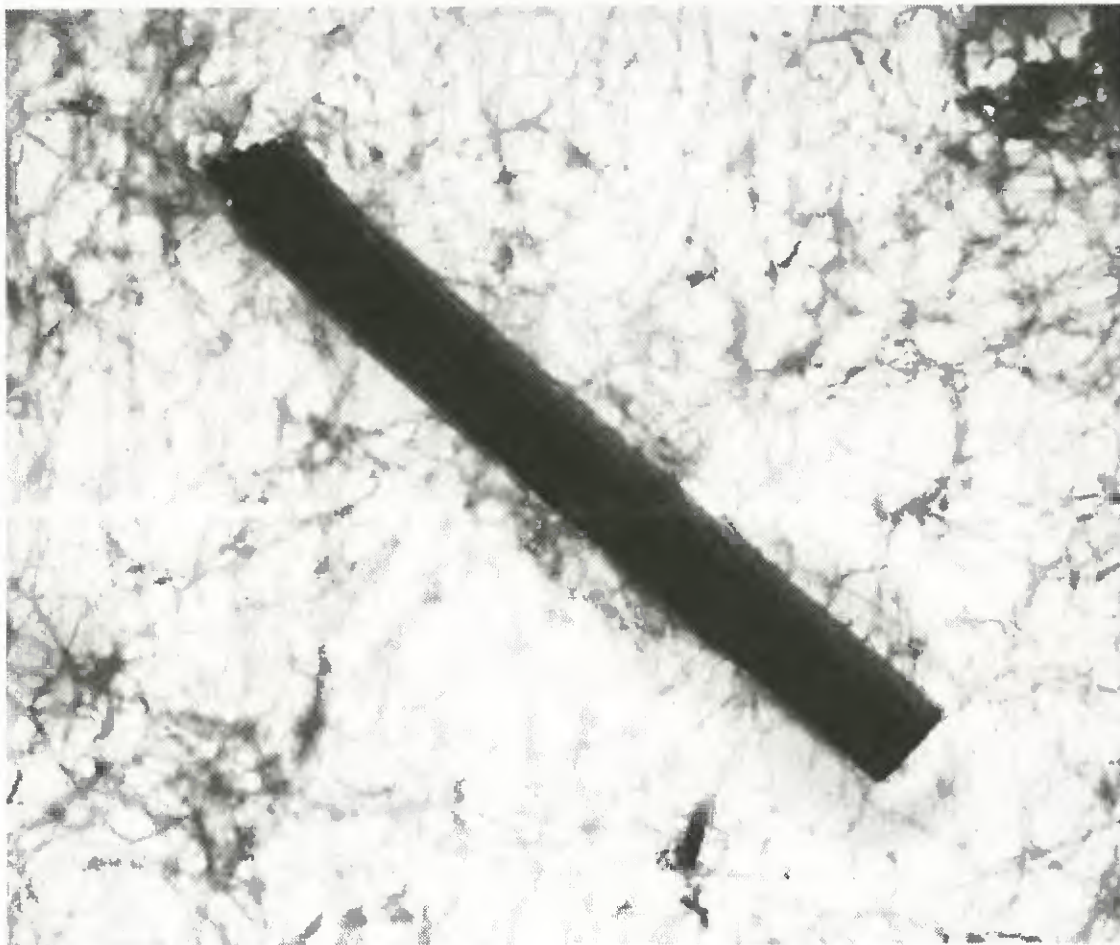
## Sample 20180061-65D

### Structure 4 – Diffraction Pattern and EDS





## Sample 20180061-65D Structure 5 - Morphology



St5-09 Full Quant\_007  
Anthophyllite  
GO-F2  
Microscopist: LWP

1  $\mu$ m  
HV=100kV  
Direct Mag: 15000 x  
J3 Resources, Inc.



## Sample 20180061-65D Structure 5 – Diffraction Pattern



SIS-09 Full Quant\_008  
Anthophyllite - SAED  
GO-F2  
Microscopist: LWP

0.2 (1/A)  
HV=100kV  
Cam Len: 0.8000 m  
J3 Resources, Inc.

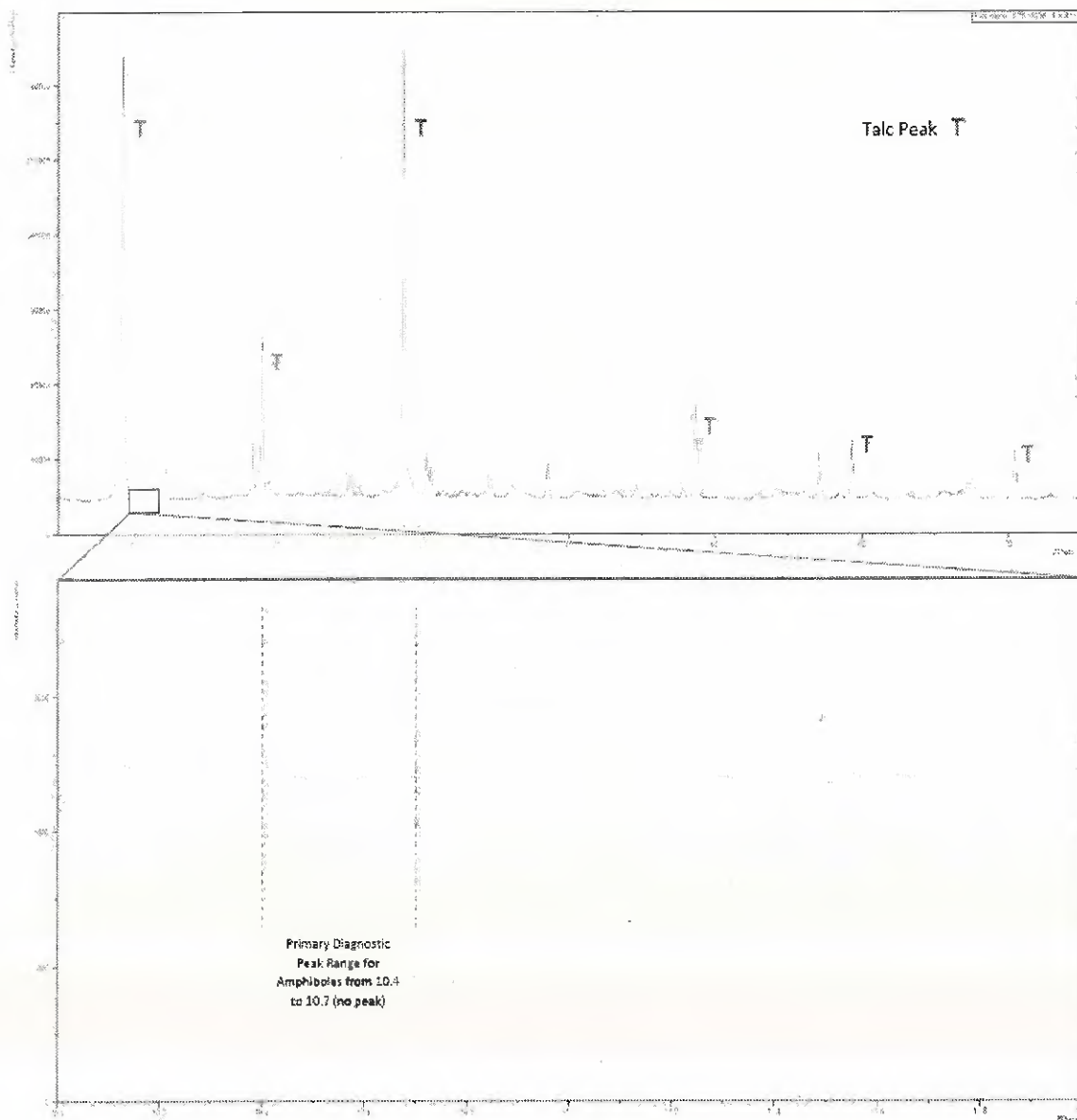




## Determination of Asbestos in Talc by XRD

ISO 22262-3:2016

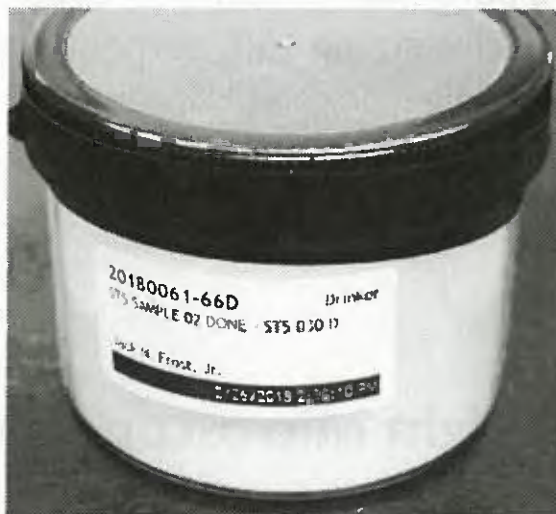
Sample 20180061-65D



*No Amphibole Peak Present*



## Sample 20180061-66D (J3 Lab ID: STS 1610A)



Sample as received by J3 Resources, Inc.



## Determination of Asbestos in Talc by PLM

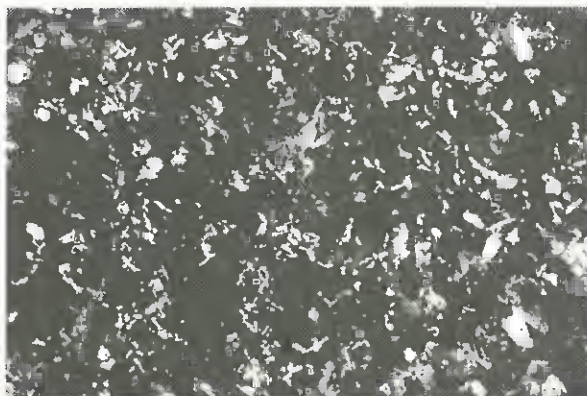
ISO 22262-1:2014

### Sample 20180061-66D

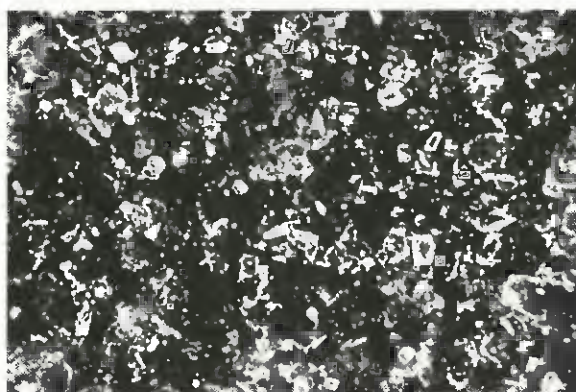
The sample was a white powder containing 85% medium to large platy Talc particles (100 $\mu$ m to >200 $\mu$ m in size) and Talc rods. The remaining 15% percent was composed of carbonate material.

No asbestos was detected by PLM.

### Polarized Light Microscope Images



*100X Magnification of Talc Particles  
Crossed polars and 530nm gypsum  
compensator plate*



*100X Magnification dispersion  
staining of Talc Particles  
1.550 refractive index oil*



## Determination of Asbestos in Talc by ATEM

ISO 22262-2:2014

**Sample 20180061-66D**

J3 Order #: JH1898969

Analyst: Lee Poye

Customer: Joseph Satterley, Esq.

Date: 7-Jul-2018

Weight of Sample\*: 0.0177 g  
Percent of Original Sample\*: 79%  
Suspension Volume: 1.5 mL  
Filtered Suspension Volume: 0.1 mL

Filter Size: 25 mm  
Filter Pore Size: 0.2  $\mu\text{m}$   
Area of Analytical Filter: 210 mm<sup>2</sup>  
GO Size: 0.0132 mm<sup>2</sup>  
GO Area Analyzed: 1.056 mm<sup>2</sup>

### Results Summary

Asbestos Structure Number	Length ( $\mu\text{m}$ )	Width ( $\mu\text{m}$ )	Aspect Ratio	Asbestos Type
N/D	N/A	N/A	N/A	None Detected
AVERAGE	N/A	N/A	N/A	

Total Asbestos Structures: 0

Asbestos Mass Fraction: < 0.000000032%

Asbestos Mass Fraction of Original Sample: < 0.000000025%

\* Sample was previously gravimetrically reduced.



## LAB WORKSHEET

Page: 1 of 3

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## LAB WORKSHEET

Page: 2 of 3

Page 143 of 268

## LAB WORKSHEET

Page: 3 of 3

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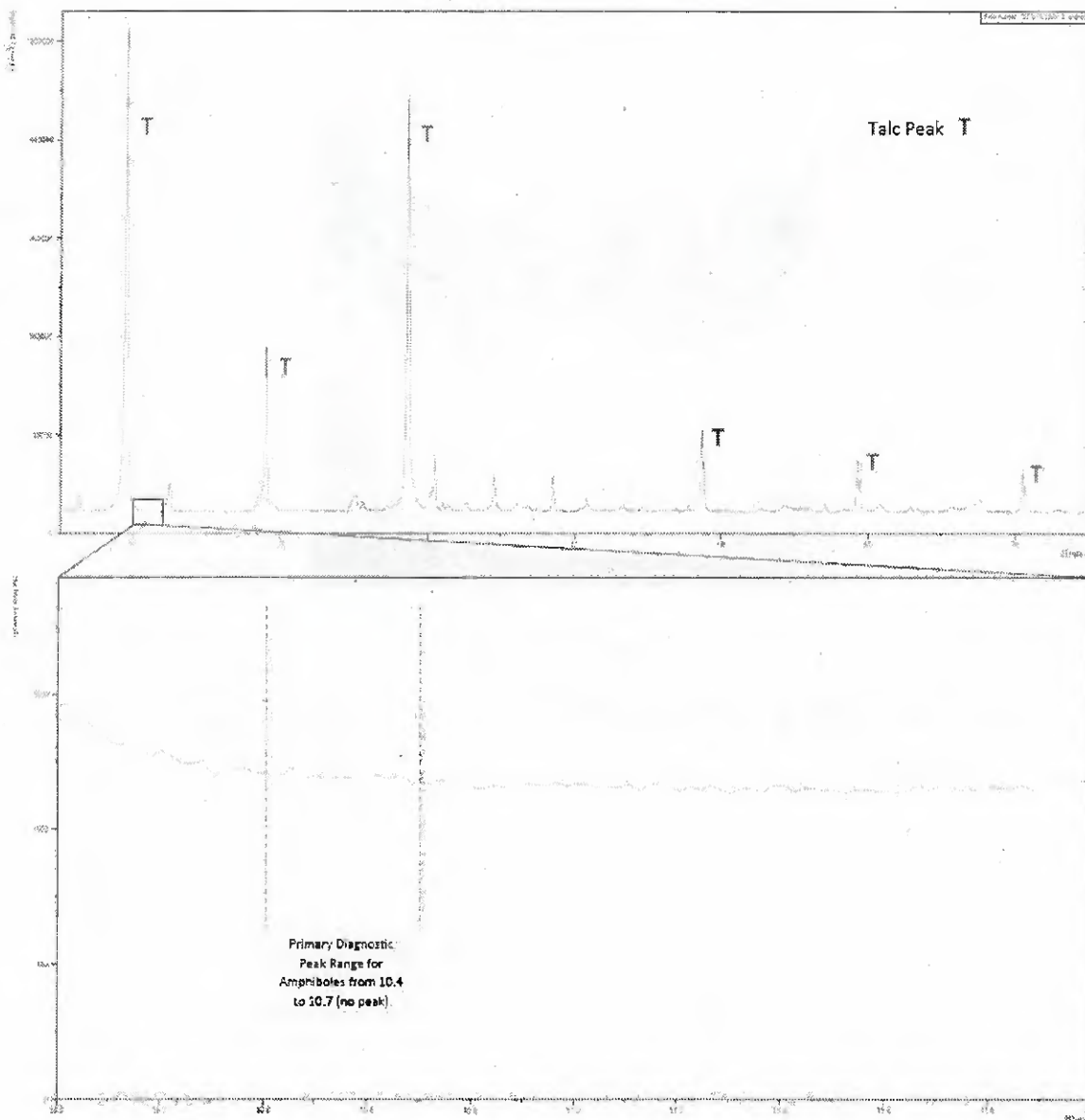




## Determination of Asbestos in Talc by XRD

ISO 22262-3:2016

**Sample 20180061-66D**



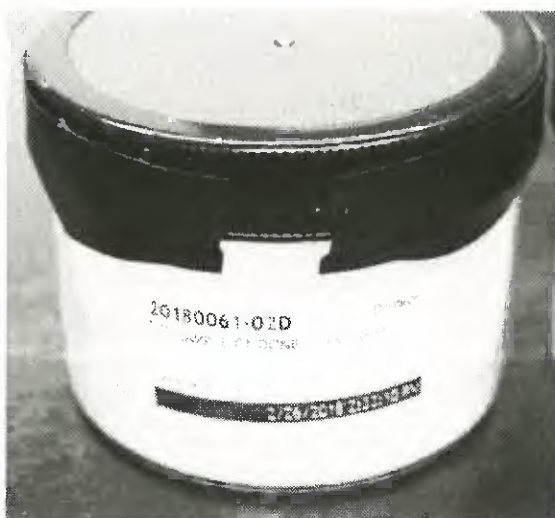
*No Amphibole Peak Present*





## **Sample 20180061-02D**

**(J3 Lab ID: STS 1611A)**



Sample as received by J3 Resources, Inc.



## **Determination of Asbestos in Talc by PLM**

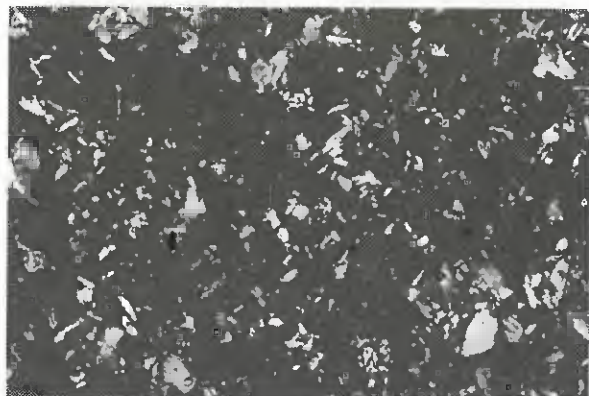
**ISO 22262-1:2014**

### **Sample 20180061-02D**

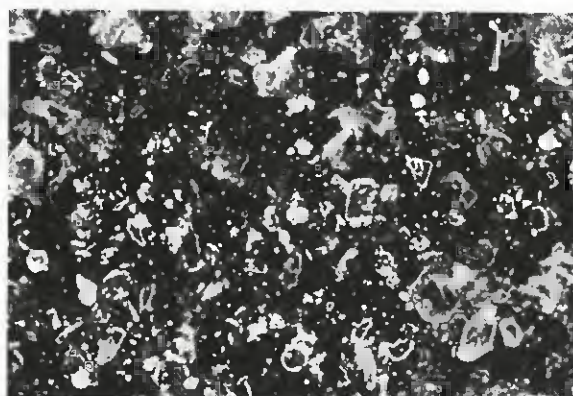
The sample was a white powder containing 85% medium to large platy Talc particles (100 $\mu$ m to >200 $\mu$ m in size) and Talc rods. The remaining 15% percent was composed of carbonate material.

No asbestos was detected by PLM.

### **Polarized Light Microscope Images**



*100X Magnification of Talc Particles  
Crossed polars and 530nm gypsum  
compensator plate*



*100X Magnification dispersion  
staining of Talc Particles  
1.550 refractive index oil*



## Determination of Asbestos in Talc by ATEM

ISO 22262-2:2014

**Sample 20180061-02D**

J3 Order #: JH1898969

Analyst: Lee Poye

Customer: Joseph Satterley, Esq.

Date: 7-Jul-2018

Weight of Sample*:	0.0179 g	Filter Size:	25 mm
Percent of Original Sample*:	80%	Filter Pore Size:	0.2 $\mu\text{m}$
Suspension Volume:	1.5 mL	Area of Analytical Filter:	210 $\text{mm}^2$
Filtered Suspension Volume:	0.1 mL	GO Size:	0.0132 $\text{mm}^2$
		GO Area Analyzed:	1.056 $\text{mm}^2$

### Results Summary

Asbestos Structure Number	Length ( $\mu\text{m}$ )	Width ( $\mu\text{m}$ )	Aspect Ratio	Asbestos Type
N/D	N/A	N/A	N/A	None Detected
AVERAGE	N/A	N/A	N/A	

Total Asbestos Structures: 0

Asbestos Mass Fraction: < 0.000000031%

Asbestos Mass Fraction of Original Sample: < 0.000000025%

\* Sample was previously gravimetrically reduced.

## LAB WORKSHEET

Page: 1 of 3

Page 149 of 288



**Determination of Asbestos in Talc by ATEM****LAB WORKSHEET****Customer:** Joseph Satterley, Esq.**Analyst:** Lee Poye**J3 Order #:** JH1898969**Date:** 7-Jul-2018**Sample #:** 20180061-02D**Page:** 2 of 3**Magnification Scan at 3,000X**

Grid	G.O. #	Non-Asbestos	Asbestos Tally	L x W (µm)	TYPE	Images			Comments
						EDS	Morphology	SAED	
2	C1		NSD						
	C2		NSD						
	C3		NSD						
	C4		NSD						
	C5		NSD						
	C6		NSD						
	C7		NSD						
	C8		NSD						
	C9		NSD						
	C10		NSD						
3	F1		NSD						
	F2		NSD						
	F3		NSD						
	F4		NSD						
	F5		NSD						
	F6		NSD						
	F7		NSD						
	F8		NSD						
	F9		NSD						
	F10		NSD						
	G1		NSD						
	G2		NSD						
	G3		NSD						
	G4		NSD						
	G5		NSD						
	G6		NSD						
	G7		NSD						
	G8		NSD						
	G9		NSD						
	G10		NSD						

## LAB WORKSHEET

Page: 3 of 3

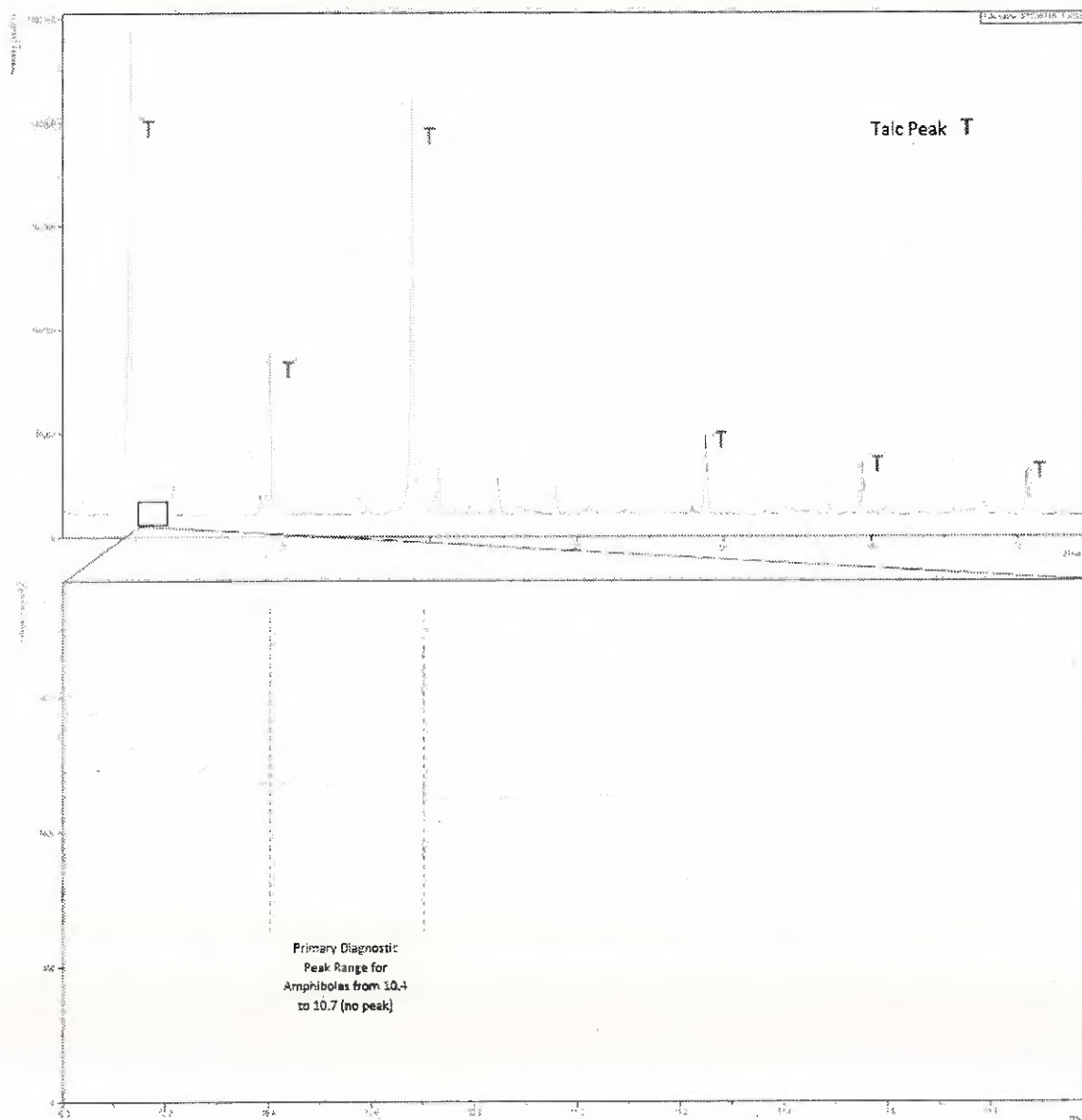
[illegible]



## Determination of Asbestos in Talc by XRD

ISO 22262-3:2016

Sample 20180061-02D

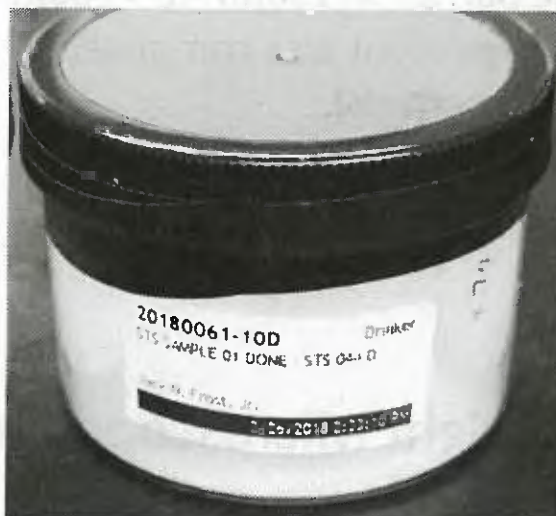


*No Amphibole Peak Present*



## **Sample 20180061-10D**

**(J3 Lab ID: STS 1612A)**



Sample as received by J3 Resources, Inc.





## Determination of Asbestos in Talc by PLM

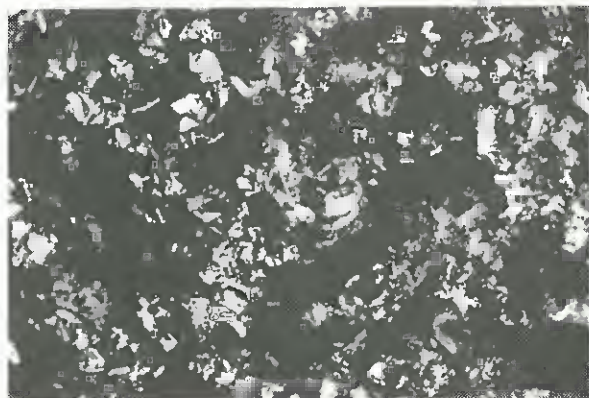
ISO 22262-1:2014

### Sample 20180061-10D

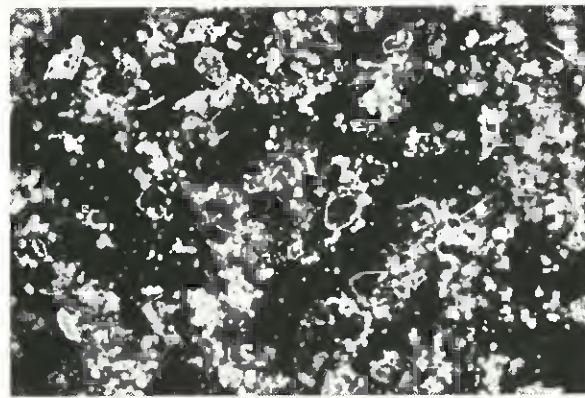
The sample was a white powder containing 60% medium to large platy Talc particles (100 $\mu$ m to >200 $\mu$ m in size). The remaining 40% percent was composed of 20% starch and 20% carbonate material.

No asbestos was detected by PLM.

### Polarized Light Microscope Images



*100X Magnification of Talc Particles  
Crossed polars and 530nm gypsum  
compensator plate*



*100X Magnification dispersion  
staining of Talc Particles  
1.550 refractive index oil*



## Determination of Asbestos in Talc by ATEM

ISO 22262-2:2014

### Sample 20180061-10D

J3 Order #: JH1898969

Analyst: Lee Poye

Customer: Joseph Satterley, Esq.

Date: 9-Jul-2018

Weight of Sample\*: 0.0172 g  
Percent of Original Sample\*: 69%  
Suspension Volume: 1.5 mL  
Filtered Suspension Volume: 0.1 mL

Filter Size: 25 mm  
Filter Pore Size: 0.2  $\mu\text{m}$   
Area of Analytical Filter: 210 mm<sup>2</sup>  
GO Size: 0.0132 mm<sup>2</sup>  
GO Area Analyzed: 1.056 mm<sup>2</sup>

### Results Summary

Asbestos Structure Number	Length ( $\mu\text{m}$ )	Width ( $\mu\text{m}$ )	Aspect Ratio	Asbestos Type
1	9.2	0.4	23	Anthophyllite
AVERAGE	9.2	0.4	23	

Total Asbestos Structures: 1  
Anthophyllite Density: 3000 kg/m<sup>3</sup>  
Cross-section Shape Factor (Amphibole): 0.5

Asbestos Mass Fraction: 0.000038%  
Asbestos Mass Fraction of Original Sample: 0.000026%

\* Sample was previously gravimetrically reduced.

## LAB WORKSHEET

Page: 1 of 3

[illegible]



## LAB WORKSHEET

Page: 2 of 3

Page 157 of 268



## LAB WORKSHEET

Page: 3 of 3

[illegible]



## Sample 20180061-10D Structure 1 - Morphology



SIS-12 Full Quant\_001  
Anthophyllite  
GO-E9  
Microscopist: LWP

2  $\mu$ m  
HV=100kV  
Direct Mag: 7500 x  
J3 Resources, Inc.



## Sample 20180061-10D

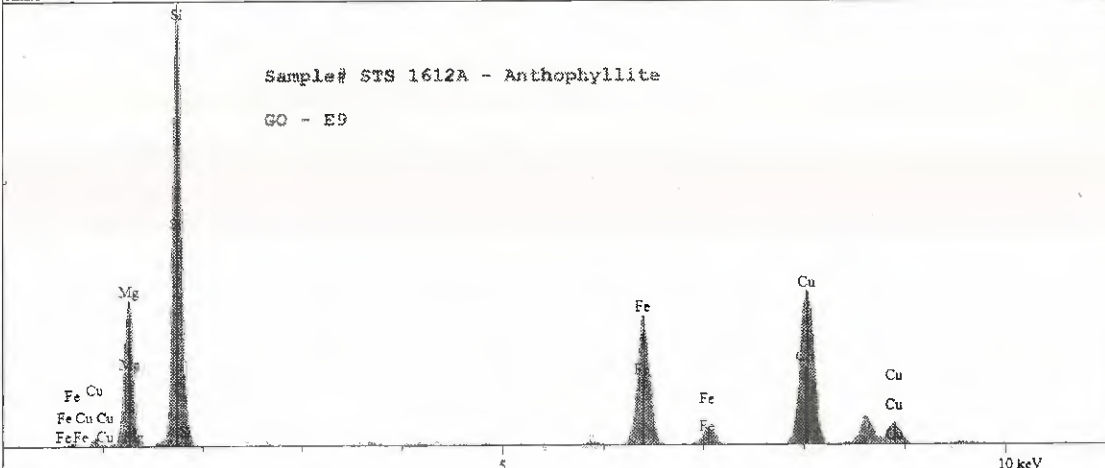
### Structure 1 – Diffraction Pattern and EDS



STS-12 Full Quant\_002  
Anthophyllite - SAED  
GO-E9  
Microscopist: LWP

0.2 (1/A)  
HV=100kV  
Cam Len: 0.8000 m  
J3 Resources, Inc.

Antio 4-E9



Cursor=

Window: 0.005 - 40.955 = 57.617 cnt

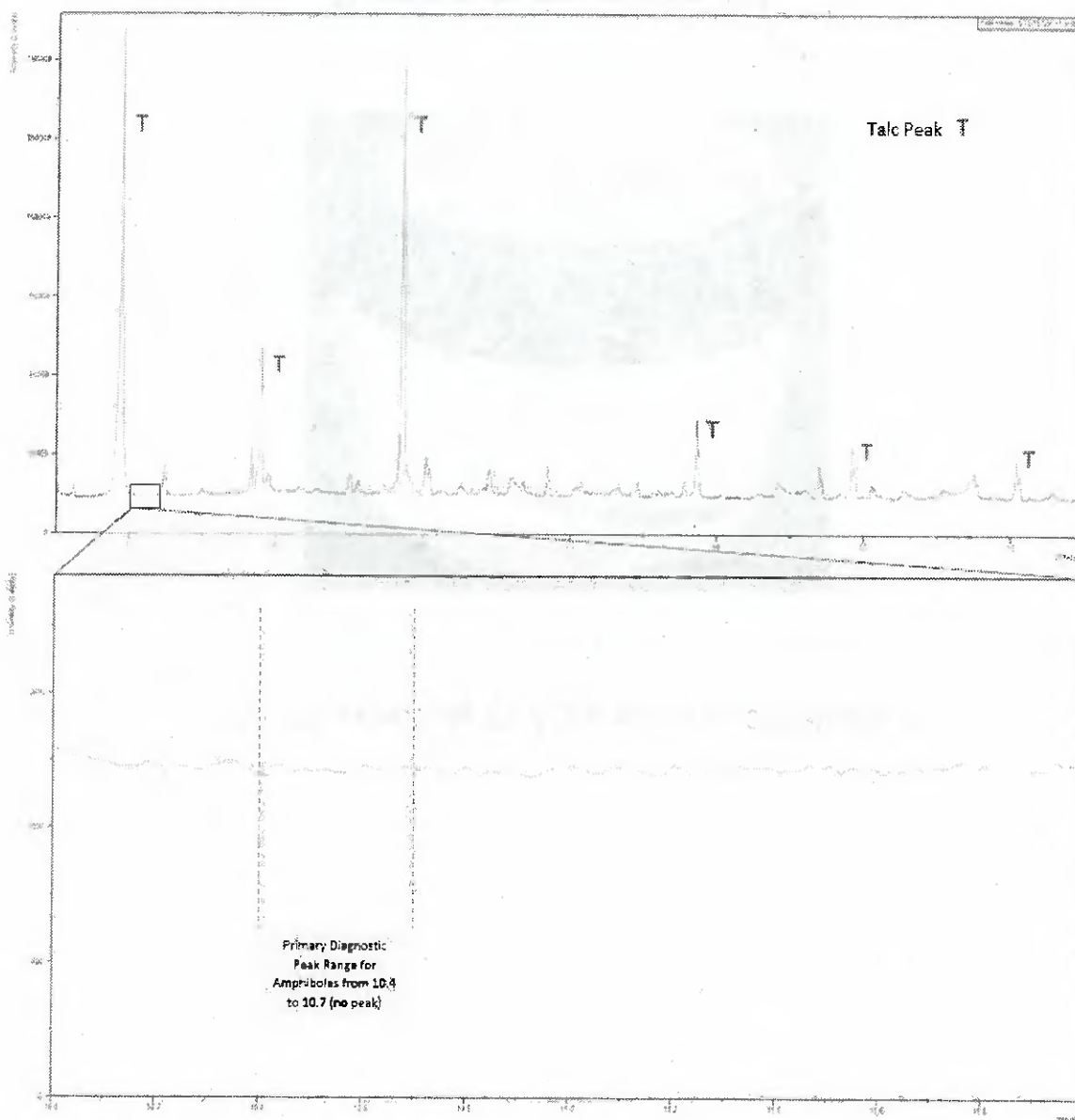
Page 160 of 268



## Determination of Asbestos in Talc by XRD

ISO 22262-3:2016

Sample 20180061-10D



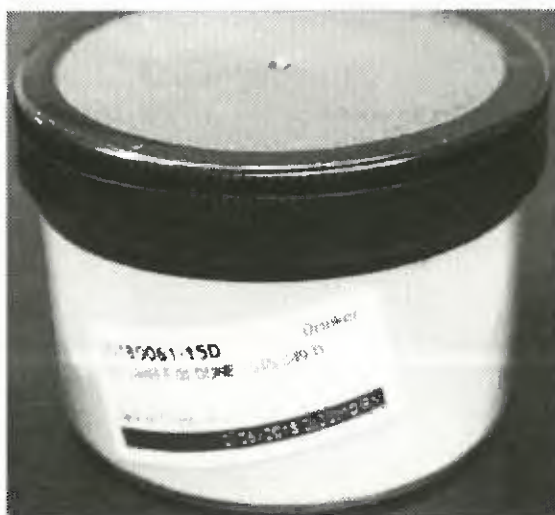
*No Amphibole Peak Present*





## **Sample 20180061-15D**

**(J3 Lab ID: STS 1613A)**



Sample as received by J3 Resources, Inc.



## Determination of Asbestos in Talc by PLM

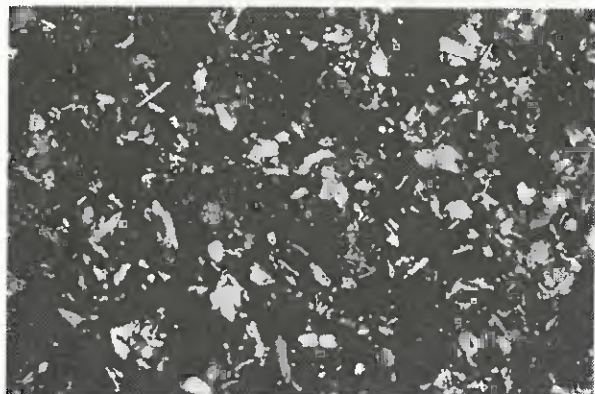
ISO 22262-1:2014

### Sample 20180061-15D

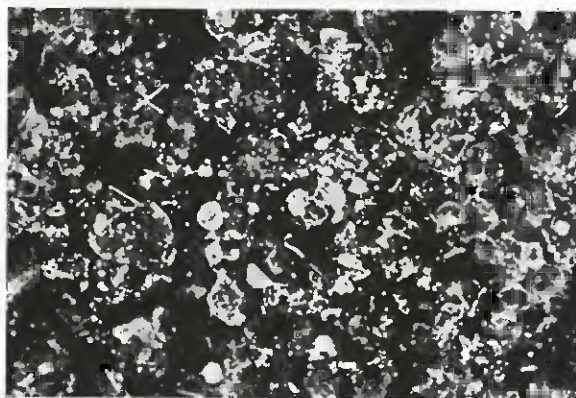
The sample was a white powder containing 85% medium to large platy Talc particles (100 $\mu$ m to >200 $\mu$ m in size) and Talc rods. The remaining 15% percent was composed of carbonate material.

No asbestos was detected by PLM.

### Polarized Light Microscope Images



*100X Magnification of Talc Particles  
Crossed polars and 530nm gypsum  
compensator plate*



*100X Magnification dispersion  
staining of Talc Particles  
1.550 refractive index oil*



## Determination of Asbestos in Talc by ATEM

ISO 22262-2:2014

**Sample 20180061-15D**

J3 Order #: JH1898969

Analyst: Lee Poye

Customer: Joseph Satterley, Esq.

Date: 9-Jul-2018

Weight of Sample*:	0.0174 g	Filter Size:	25 mm
Percent of Original Sample*:	78%	Filter Pore Size:	0.2 $\mu\text{m}$
Suspension Volume:	1.5 mL	Area of Analytical Filter:	210 $\text{mm}^2$
Filtered Suspension Volume:	0.1 mL	GO Size:	0.0132 $\text{mm}^2$
		GO Area Analyzed:	1.056 $\text{mm}^2$

### Results Summary

Asbestos Structure Number	Length ( $\mu\text{m}$ )	Width ( $\mu\text{m}$ )	Aspect Ratio	Asbestos Type
1	6	0.5	12	Anthophyllite
2	5	0.25	20	Anthophyllite
3	19	0.9	21.1	Anthophyllite
4	33	1.2	27.5	Anthophyllite
5	5	0.25	20	Anthophyllite
6	5.3	0.3	17.7	Anthophyllite
7	5.5	0.6	9.2	Anthophyllite
AVERAGE	11.3	0.57	9.7	

Total Asbestos Structures:	7
Anthophyllite Density:	3000 $\text{kg/m}^3$
Cross-section Shape Factor (Amphibole):	0.5

Asbestos Mass Fraction:	0.0017%
Asbestos Mass Fraction of Original Sample:	0.0013%

\* Sample was previously gravimetrically reduced.

## LAB WORKSHEET

**Analyst:** Lee Poye

**Date:** 9-Jul-2018

Page: 1 of 3

[illegible]



## LAB WORKSHEET

Page: 2 of 3

[illegible]

## LAB WORKSHEET

**Customer:** Joseph Satterley, Esq.

**Analyst:** Lee Poye

**J3 Order #:** JH1898969

**Date:** 9-Jul-2018

**Sample #:** 20180061-15D

Page: 3 of 3

[illegible]



## Sample 20180061-15D Structure 1 - Morphology



SiS-13 Full Quant\_001  
Anthophyllite  
GO-C10  
Microscopist: LWP

1  $\mu$ m  
HV=100kV  
Direct Mag: 12000 x  
J3 Resources, inc.





## Sample 20180061-15D Structure 1 – Diffraction Pattern

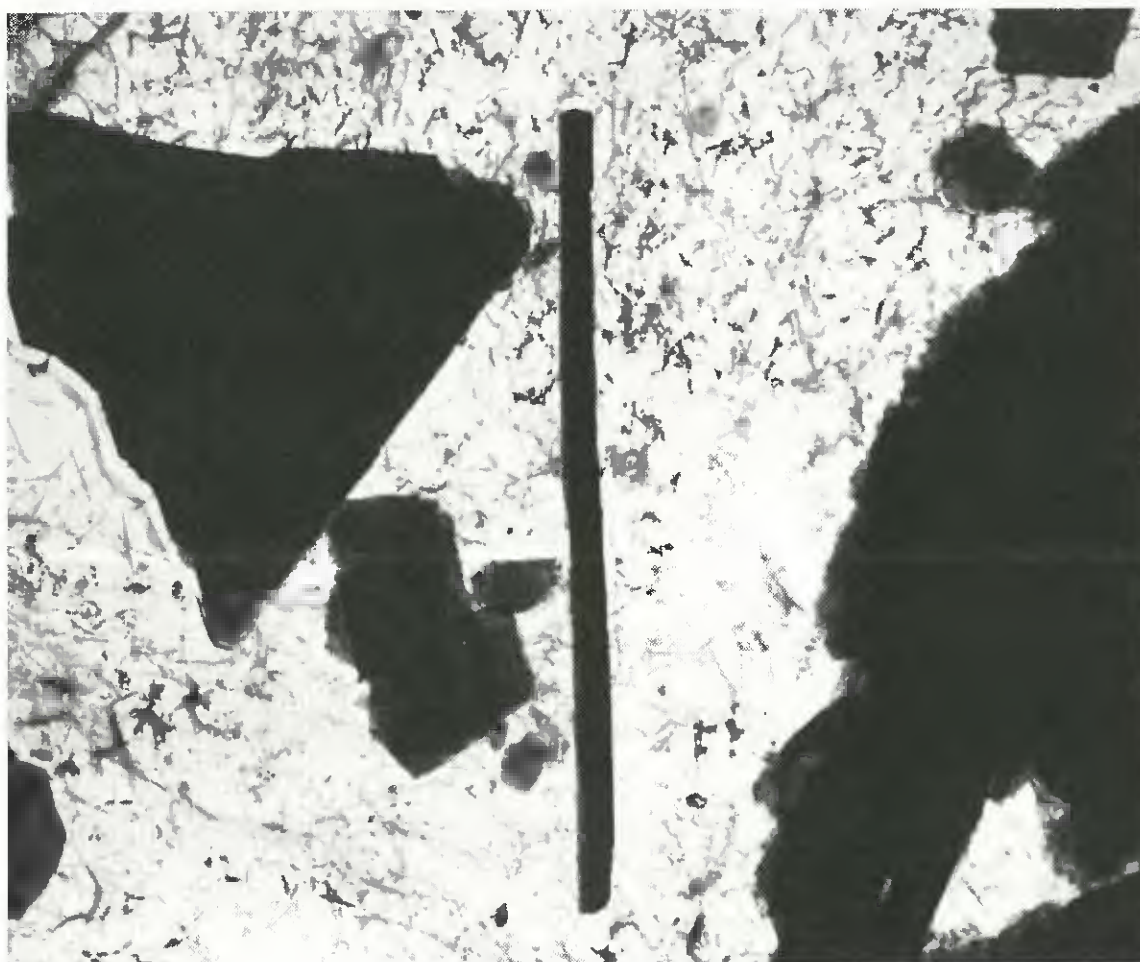
StS-13 Full Quant\_002  
Anthophyllite - SAED  
GO C10  
Microscopist: LWP

0.2 (1/A)  
HV=100kV  
Cam Len: 0.8000 m  
J3 Resources, Inc.





## Sample 20180061-15D Structure 3 - Morphology



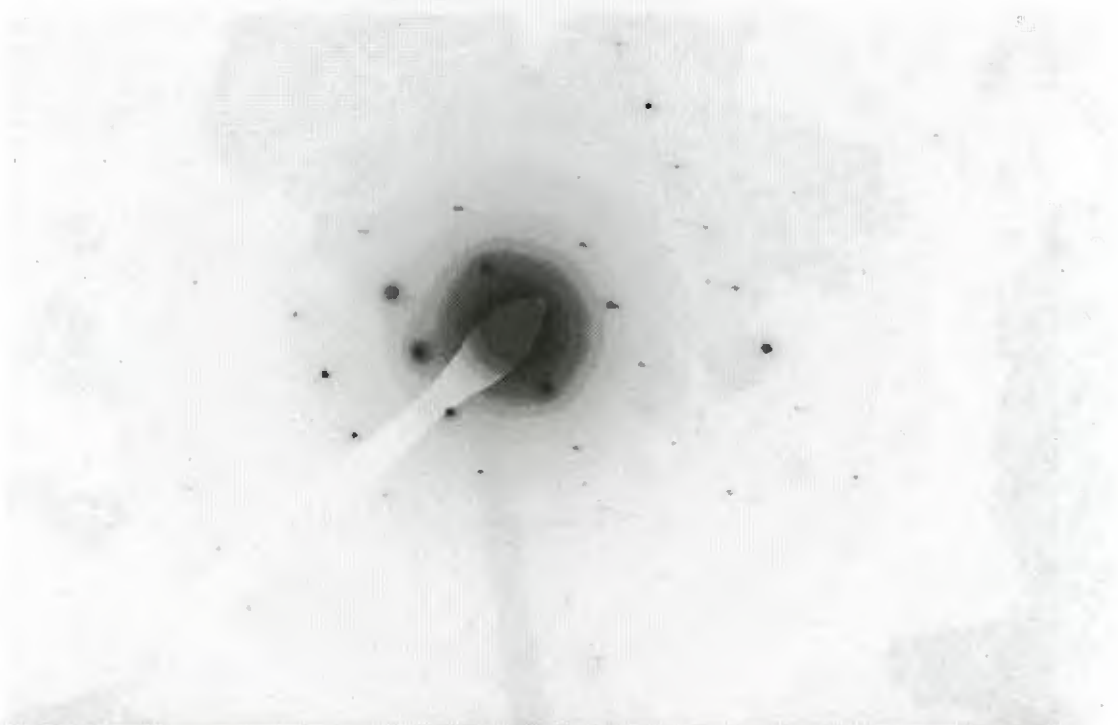
StS-13 Full Quant\_003  
Anthophyllite  
GO-D6  
Microscopist: LWP

2  $\mu$ m  
HV=100kV  
Direct Mag: 4000 x  
J3 Resources, Inc.



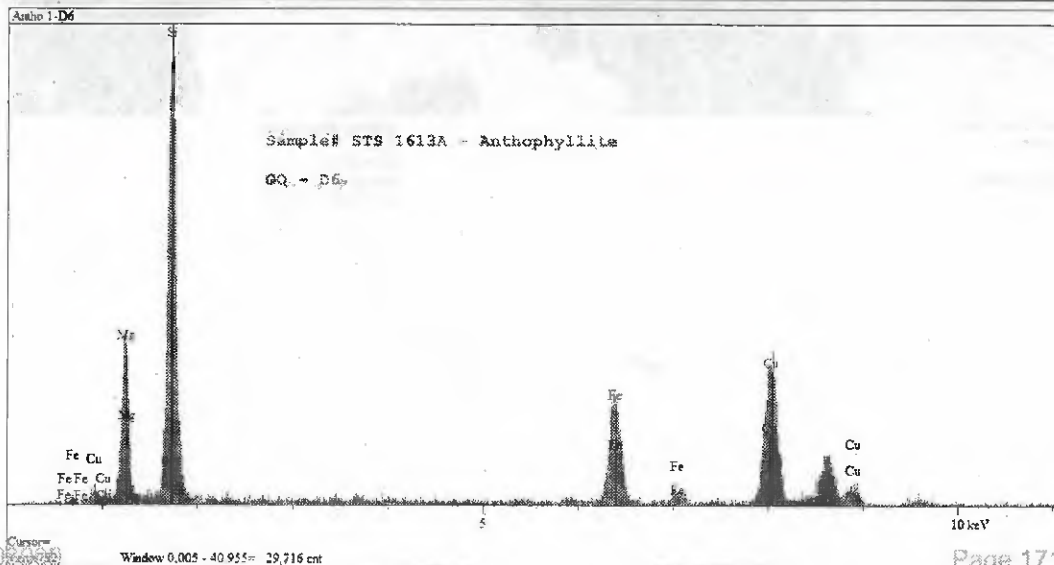
## Sample 20180061-15D

### Structure 3 – Diffraction Pattern



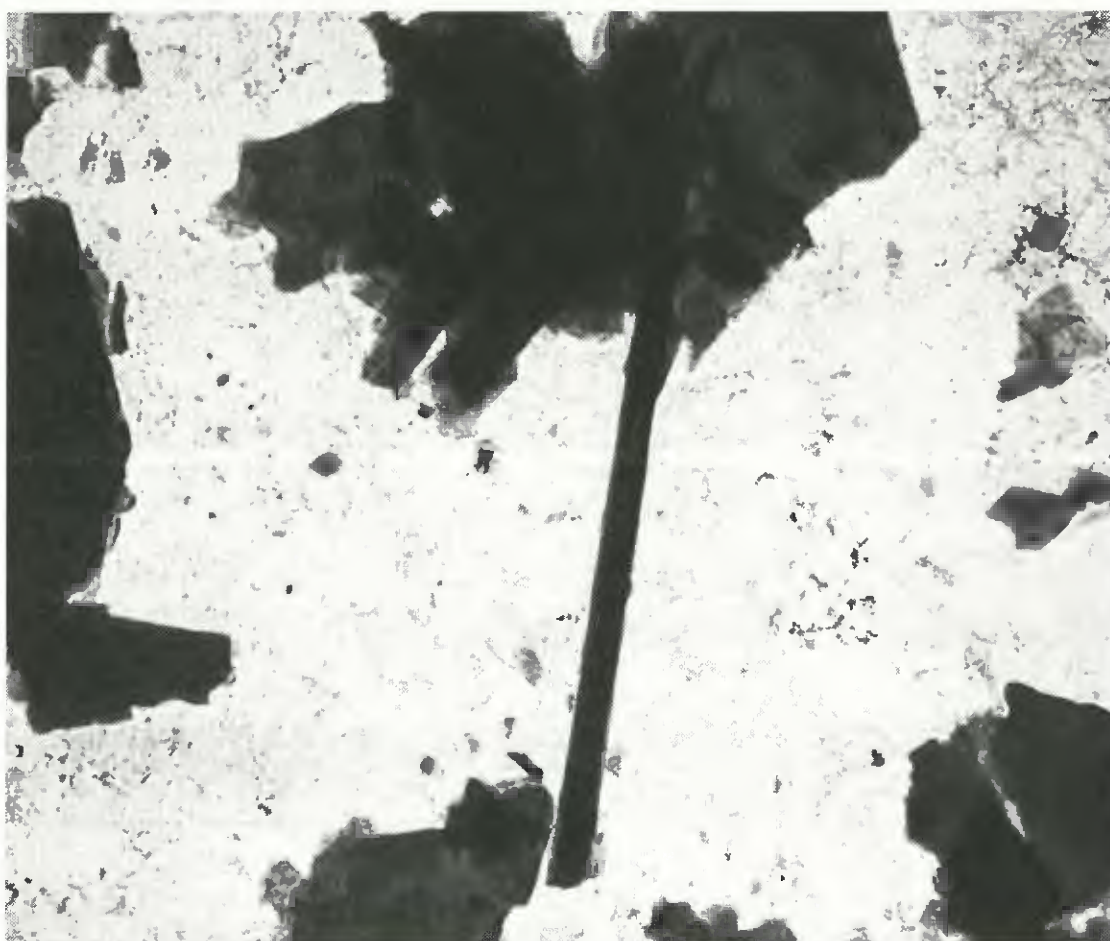
StS-13 Full Quant 004  
Anthophyllite - SAED  
GO-D6  
Microscopist: LWP

0.2 (1/Å)  
HV=100kV  
Cam Len: 0.8000 m  
J3 Resources, Inc.





## Sample 20180061-15D Structure 4 - Morphology

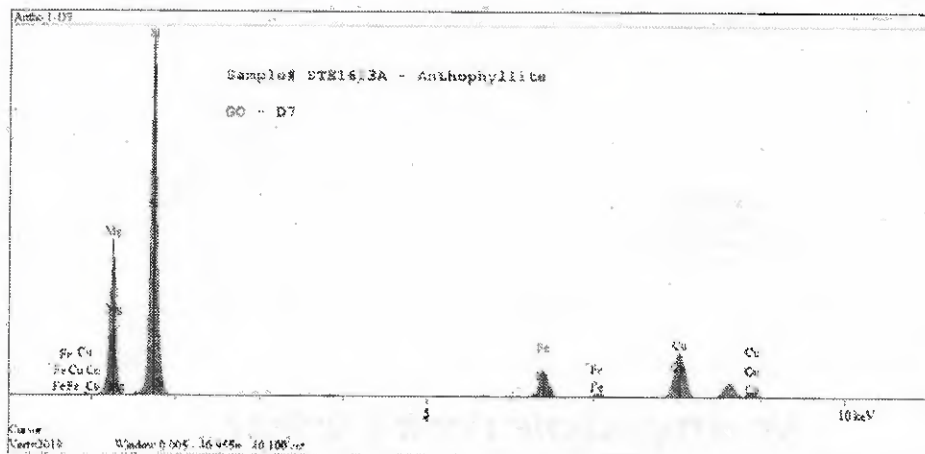
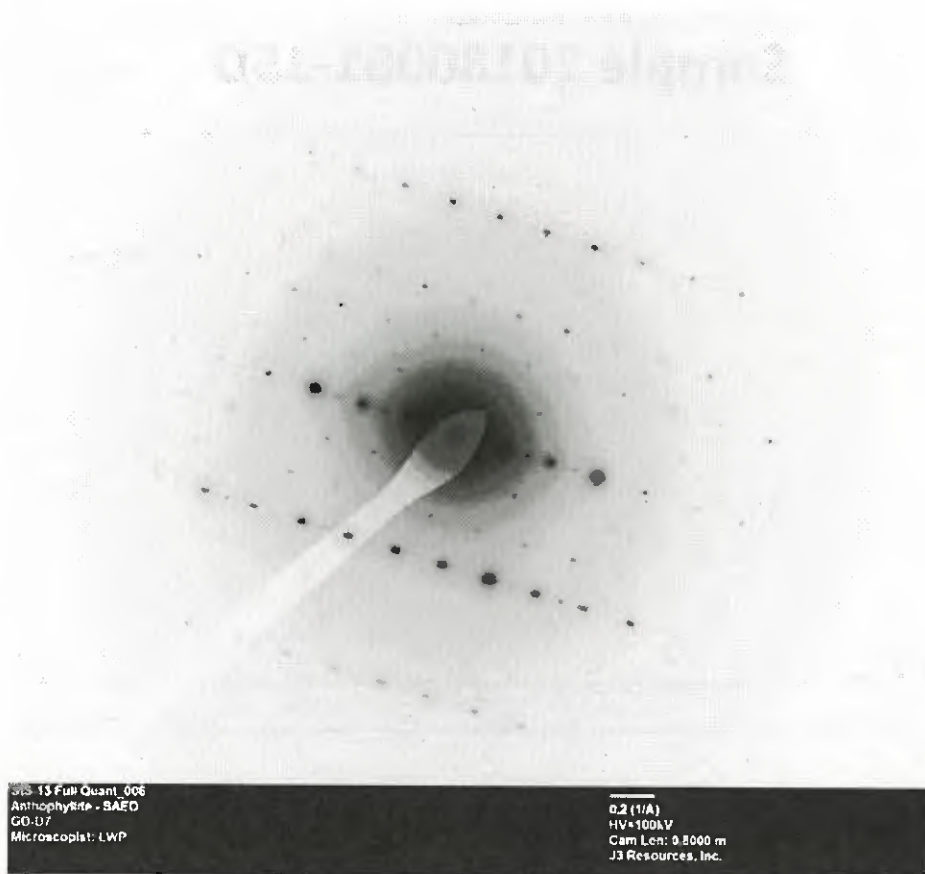


STS-13 Full Quant\_005  
Anthophyllite  
GO-D7  
Microscopist: LWP

6  $\mu$ m  
HV=100kV  
Direct Mag: 2500 x  
J3 Resources, inc.



## Sample 20180061-15D Structure 4 – Diffraction Pattern and EDS



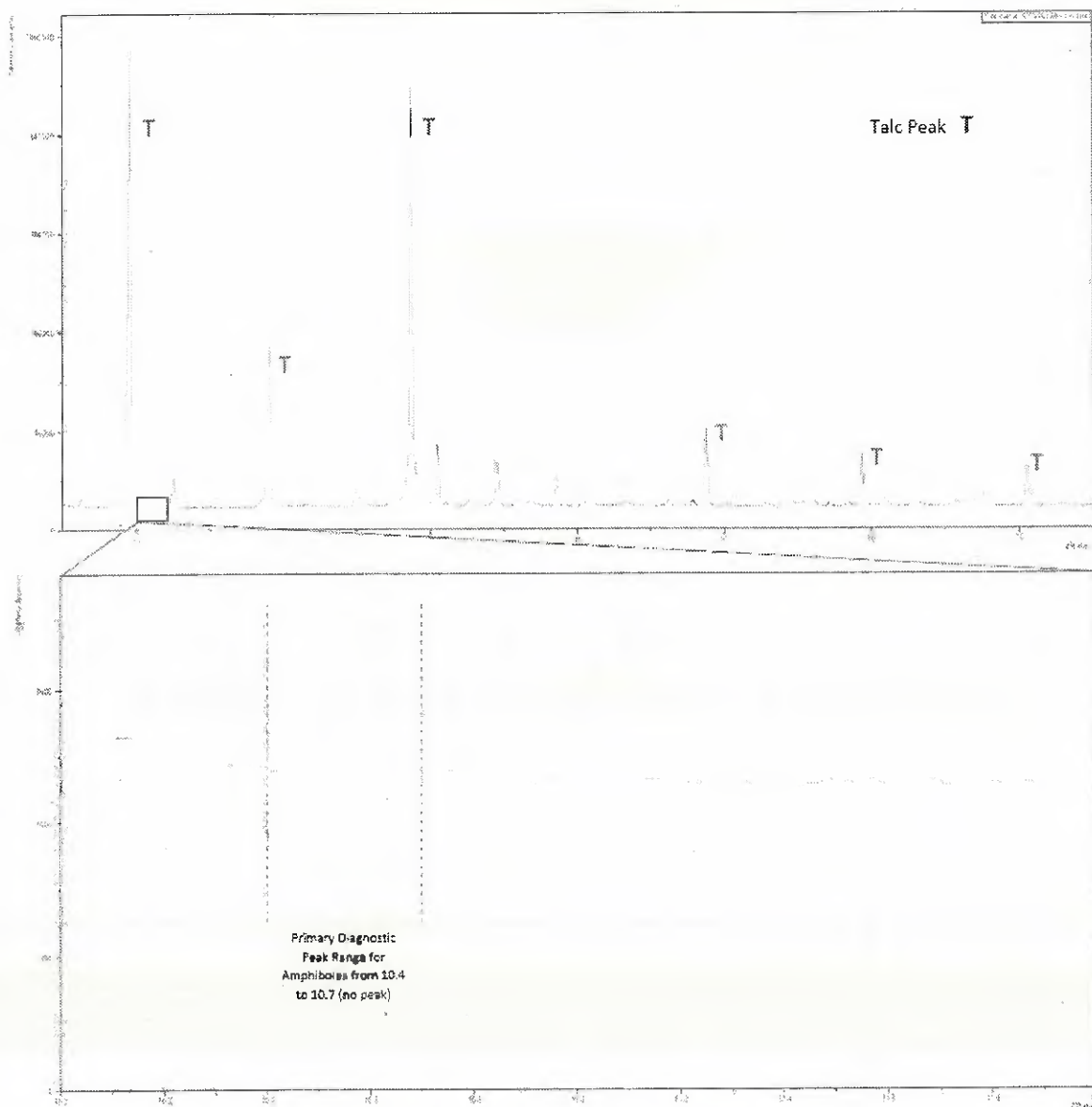




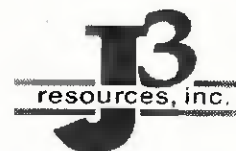
# Determination of Asbestos in Talc by XRD

ISO 22262-3:2016

Sample 20180061-15D

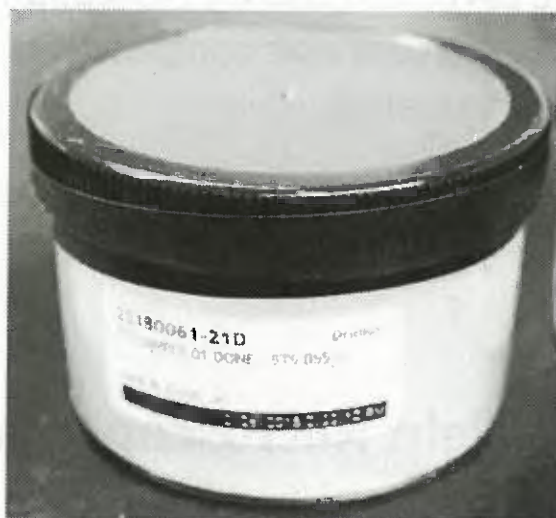


*No Amphibole Peak Present*



## **Sample 20180061-21D**

**(J3 Lab ID: STS 1614A)**



Sample as received by J3 Resources, Inc.



## Determination of Asbestos in Talc by PLM

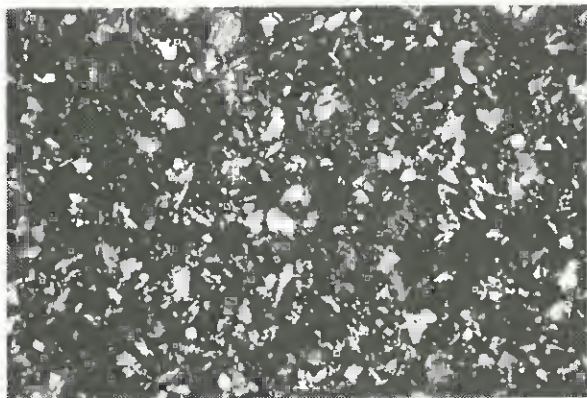
ISO 22262-1:2014

### Sample 20180061-21D

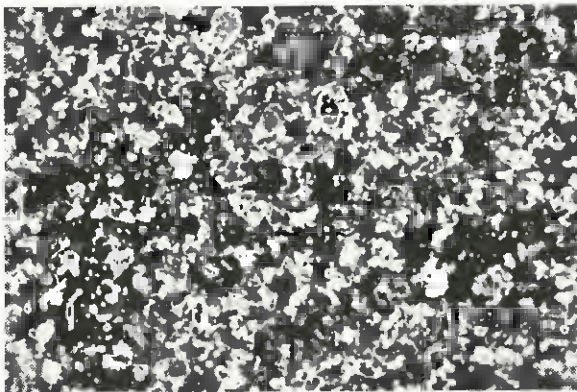
The sample was a white powder containing 60% medium to large platy Talc particles (100 $\mu$ m to >200 $\mu$ m in size). The remaining 40% percent was composed of 20% starch and 20% carbonate material.

No asbestos was detected by PLM.

### Polarized Light Microscope Images



*100X Magnification of Talc Particles  
Crossed polars and 530nm gypsum  
compensator plate*



*100X Magnification dispersion  
staining of Talc Particles  
1.550 refractive index oil*



## Determination of Asbestos in Talc by ATEM

ISO 22262-2:2014

**Sample 20180061-21D**

J3 Order #: JH1898969

Analyst: Lee Poye

Customer: Joseph Satterley, Esq.

Date: 9-Jul-2018

Weight of Sample\*: 0.0173 g  
Percent of Original Sample\*: 68%  
Suspension Volume: 1.5 mL  
Filtered Suspension Volume: 0.1 mL

Filter Size: 25 mm  
Filter Pore Size: 0.2  $\mu\text{m}$   
Area of Analytical Filter: 210 mm<sup>2</sup>  
GO Size: 0.0132 mm<sup>2</sup>  
GO Area Analyzed: 1.056 mm<sup>2</sup>

### Results Summary

Asbestos Structure Number	Length ( $\mu\text{m}$ )	Width ( $\mu\text{m}$ )	Aspect Ratio	Asbestos Type
N/D	N/A	N/A	N/A	None Detected
AVERAGE	N/A	N/A	N/A	

Total Asbestos Structures: 0

Asbestos Mass Fraction: < 0.000000032%

Asbestos Mass Fraction of Original Sample: < 0.000000022%

\* Sample was previously gravimetrically reduced.



## LAB WORKSHEET

Page: 1 of 3

[illegible]

## LAB WORKSHEET

Page: 2 of 3

Page 179 of 268



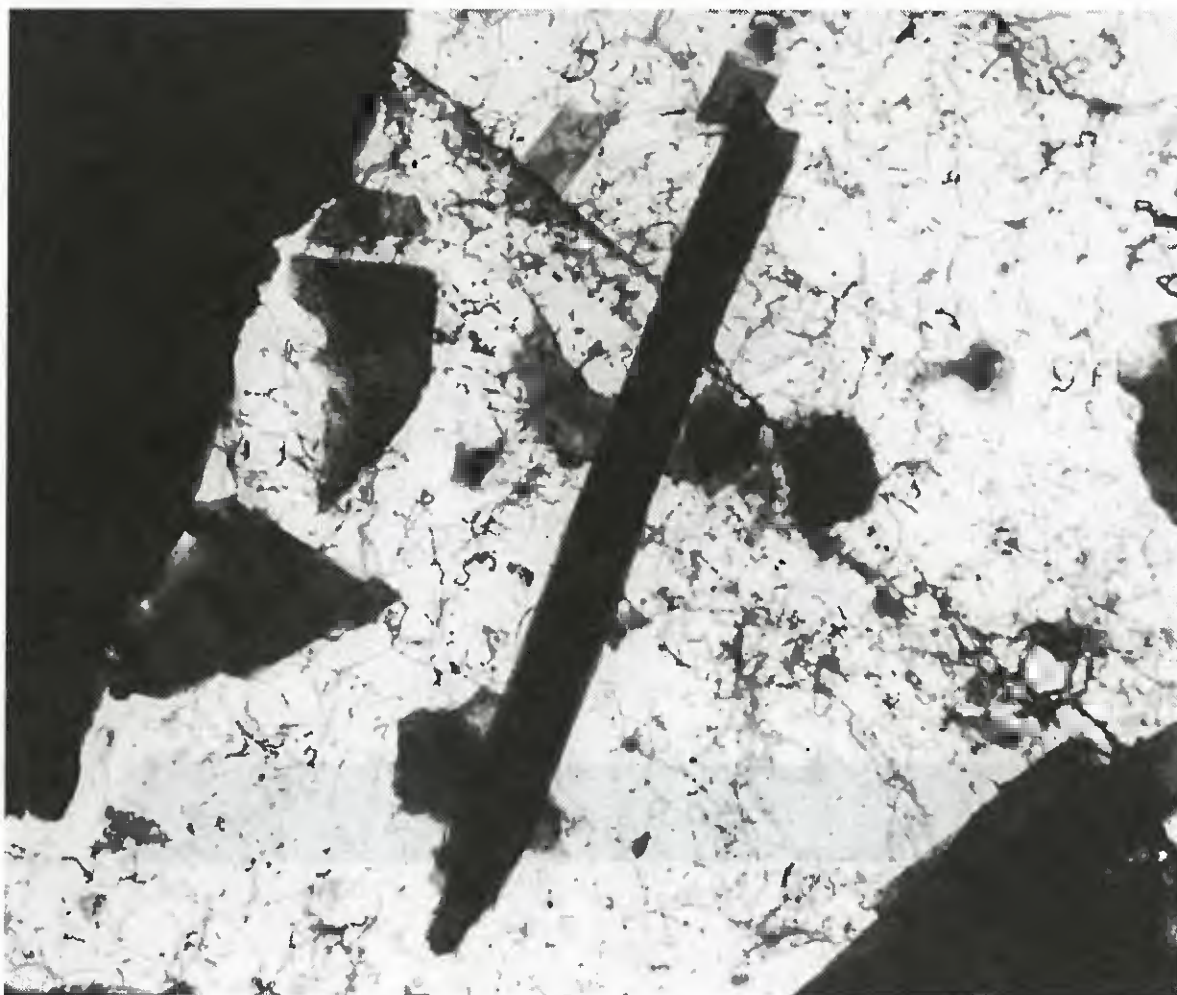
## LAB WORKSHEET

Page: 3 of 3

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## Sample 20180061-21D Talc (GO G3) - Morphology



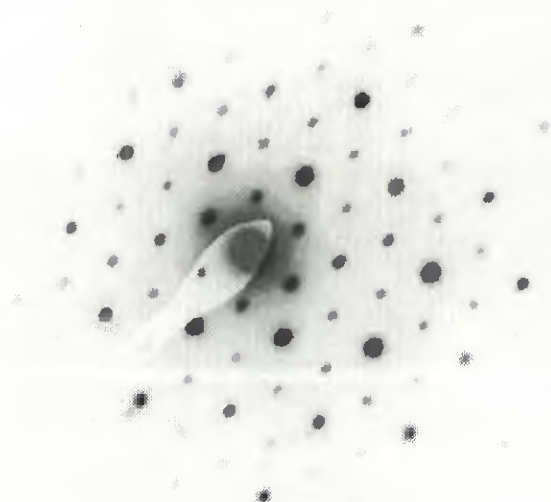
SI5-14 Full Quant\_001  
Talc  
GO-G3  
Microscopist: LWP

2  $\mu$ m  
HV=100kV  
Direct Mag: 4000 x  
J3 Resources, Inc.



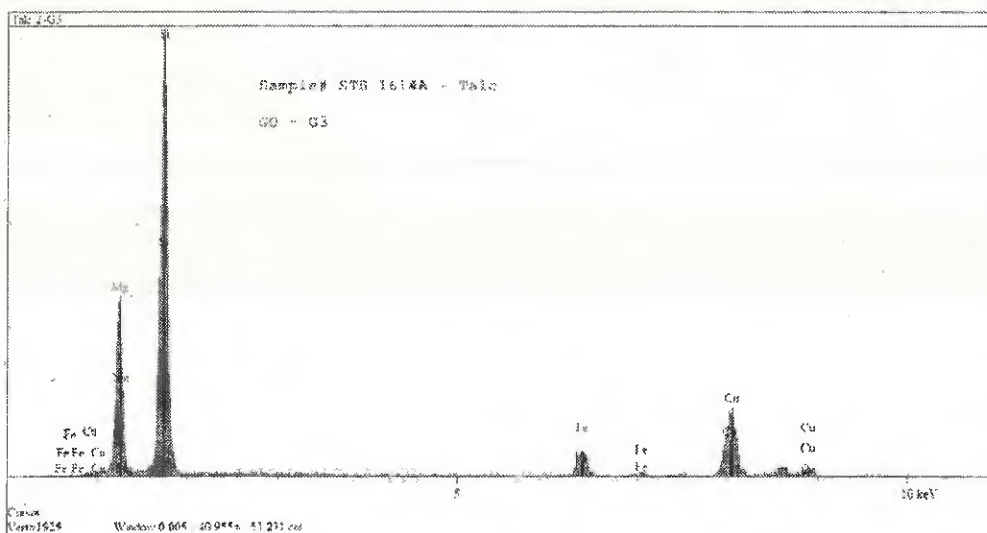


## Sample 20180061-21D Talc (GO G3) - Diffraction Pattern and EDS



SIS-14 Full Quant\_002  
Talc - SAED  
GO-G3  
Microscopist: LWP

0.2 (1/Å)  
HV=100kV  
Cam Len: 0.8000 m  
J3 Resources, Inc.

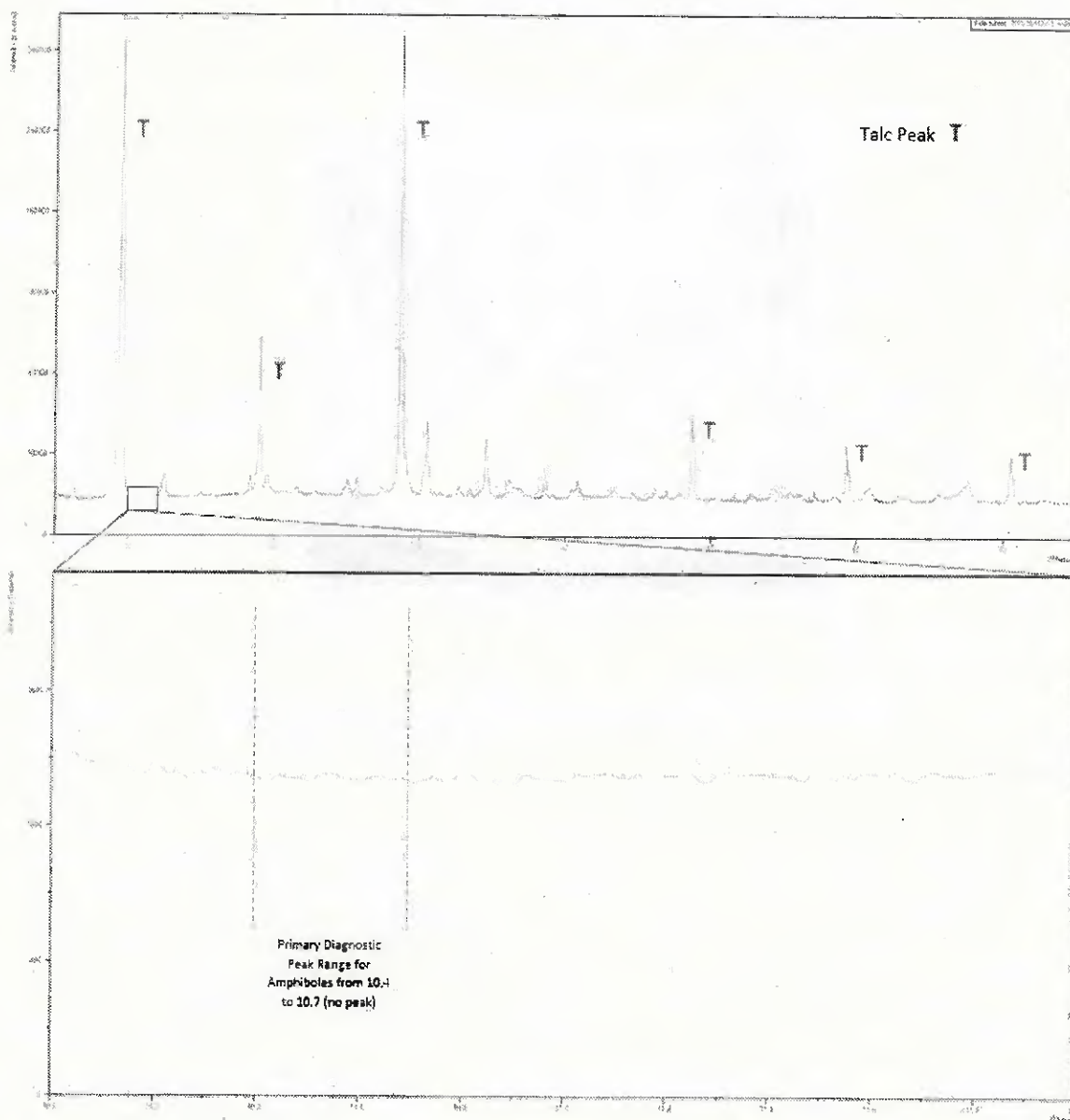




## Determination of Asbestos in Talc by XRD

ISO 22262-3:2016

Sample 20180061-21D

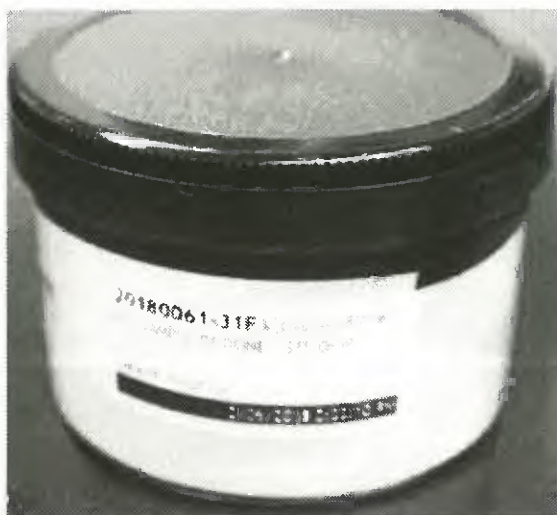


*No Amphibole Peak Present*



## **Sample 20180061-31F**

**(J3 Lab ID: STS 1615A)**



Sample as received by J3 Resources, Inc.



## **Determination of Asbestos in Talc by PLM**

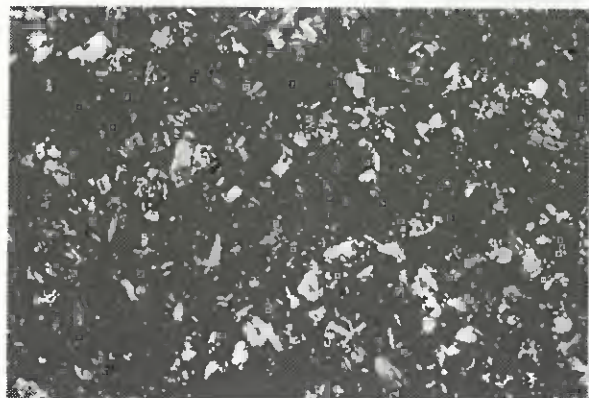
**ISO 22262-1:2014**

### **Sample 20180061-31F**

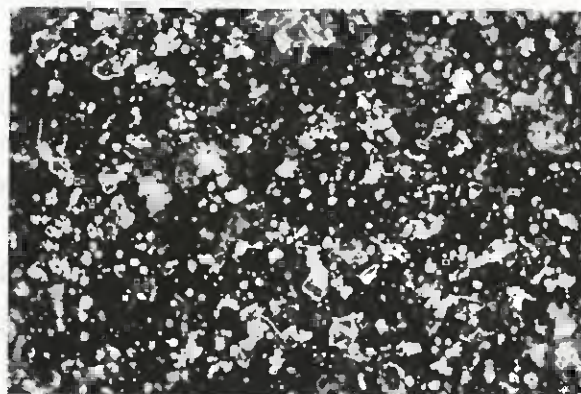
The sample was a white powder containing 60% medium to large platy Talc particles (100 $\mu$ m to >200 $\mu$ m in size). The remaining 40% percent was composed of 20% starch and 20% carbonate material.

No asbestos was detected by PLM.

### **Polarized Light Microscope Images**



*100X Magnification of Talc Particles  
Crossed polars and 530nm gypsum  
compensator plate*



*100X Magnification dispersion  
staining of Talc Particles  
1.550 refractive index oil*





## Determination of Asbestos in Talc by ATEM

ISO 22262-2:2014

**Sample 20180061-31F**

J3 Order #: JH1898969

Analyst: Lee Poye

Customer: Joseph Satterley, Esq.

Date: 10-Jul-2018

Weight of Sample*:	0.0179 g	Filter Size:	25 mm
Percent of Original Sample*:	67%	Filter Pore Size:	0.2 $\mu\text{m}$
Suspension Volume:	1.5 mL	Area of Analytical Filter:	210 mm <sup>2</sup>
Filtered Suspension Volume:	0.1 mL	GO Size:	0.0132 mm <sup>2</sup>
		GO Area Analyzed:	1.056 mm <sup>2</sup>

### Results Summary

Asbestos Structure Number	Length ( $\mu\text{m}$ )	Width ( $\mu\text{m}$ )	Aspect Ratio	Asbestos Type
1	43	2	21.5	Anthophyllite
2	4.5	0.25	18	Anthophyllite
3	7	0.5	14	Anthophyllite
AVERAGE	18.2	0.92	19.8	

Total Asbestos Structures:	3
Anthophyllite Density:	3000 kg/m <sup>3</sup>
Cross-section Shape Factor (Amphibole):	0.5

Asbestos Mass Fraction:	0.0044%
Asbestos Mass Fraction of Original Sample:	0.0029%

\* Sample was previously gravimetrically reduced.

## LAB WORKSHEET

Page: 1 of 3

Page 187 of 288

## LAB WORKSHEET

Page: 2 of 3

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## LAB WORKSHEET

**Analyst:** Lee Poye

**Date:** 10-Jul-2018

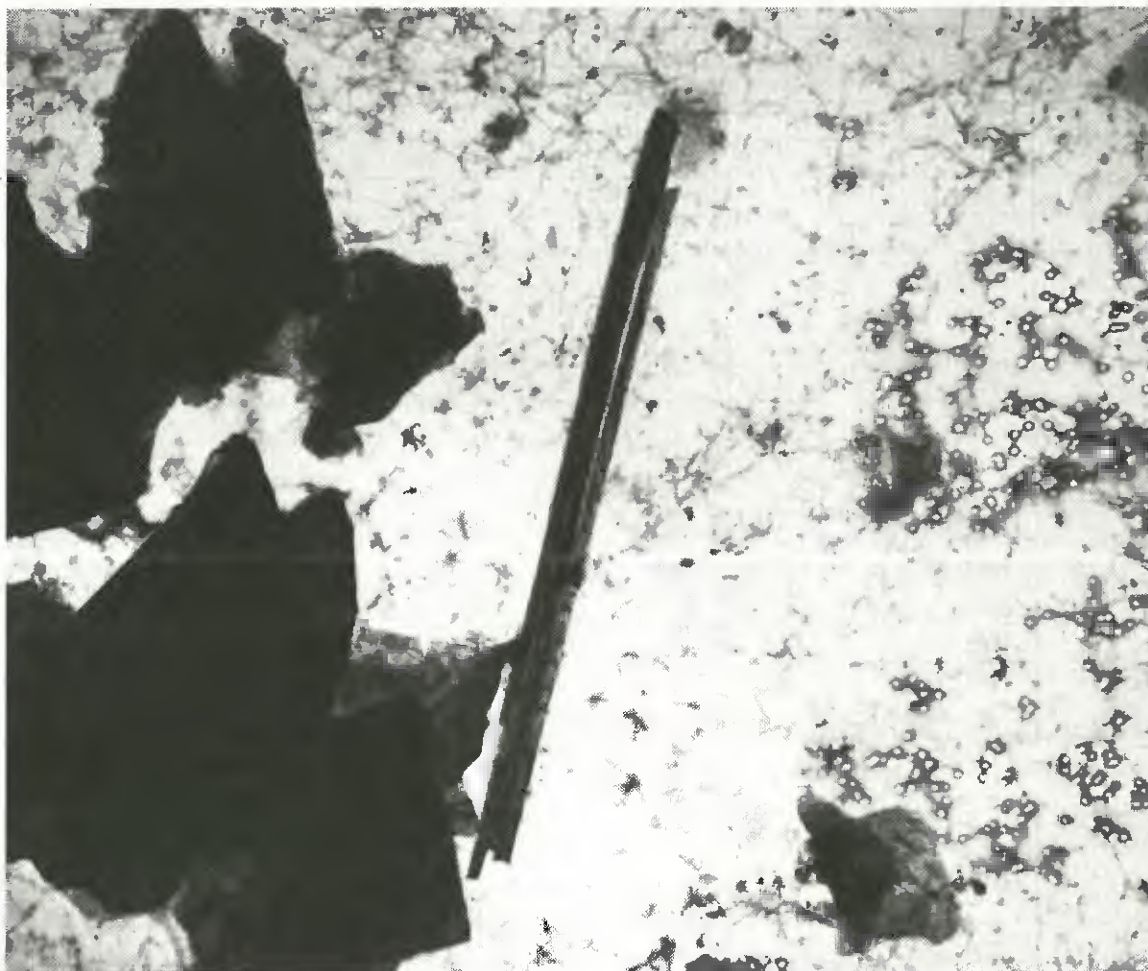
Page: 3 of 3

[illegible]





## Sample 20180061-31F Structure 1 - Morphology



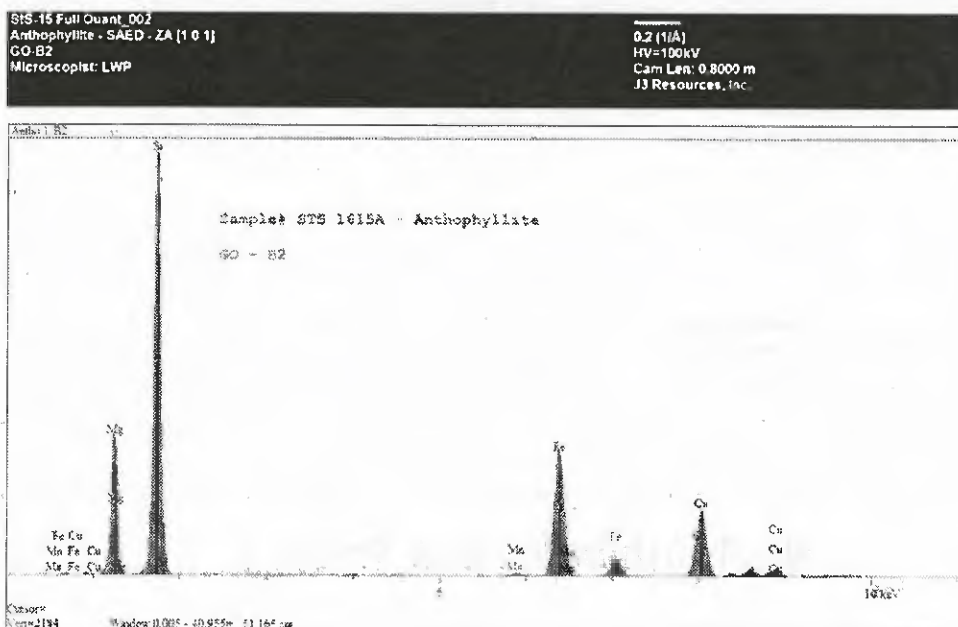
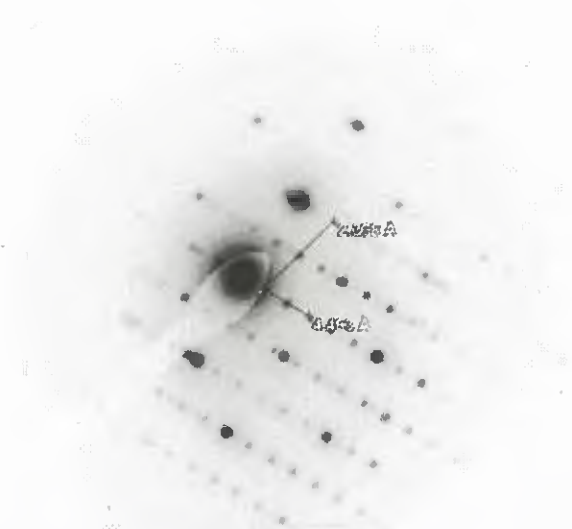
StS-15 Full Quant\_001  
Anthophyllite  
GO-B2  
Microscopist: LWP

2  $\mu$ m  
HV=100kV  
Direct Mag: 4000 x  
J3 Resources, Inc.



## Sample 20180061-31F Structure 1 – Diffraction Pattern and EDS

20180061-31F

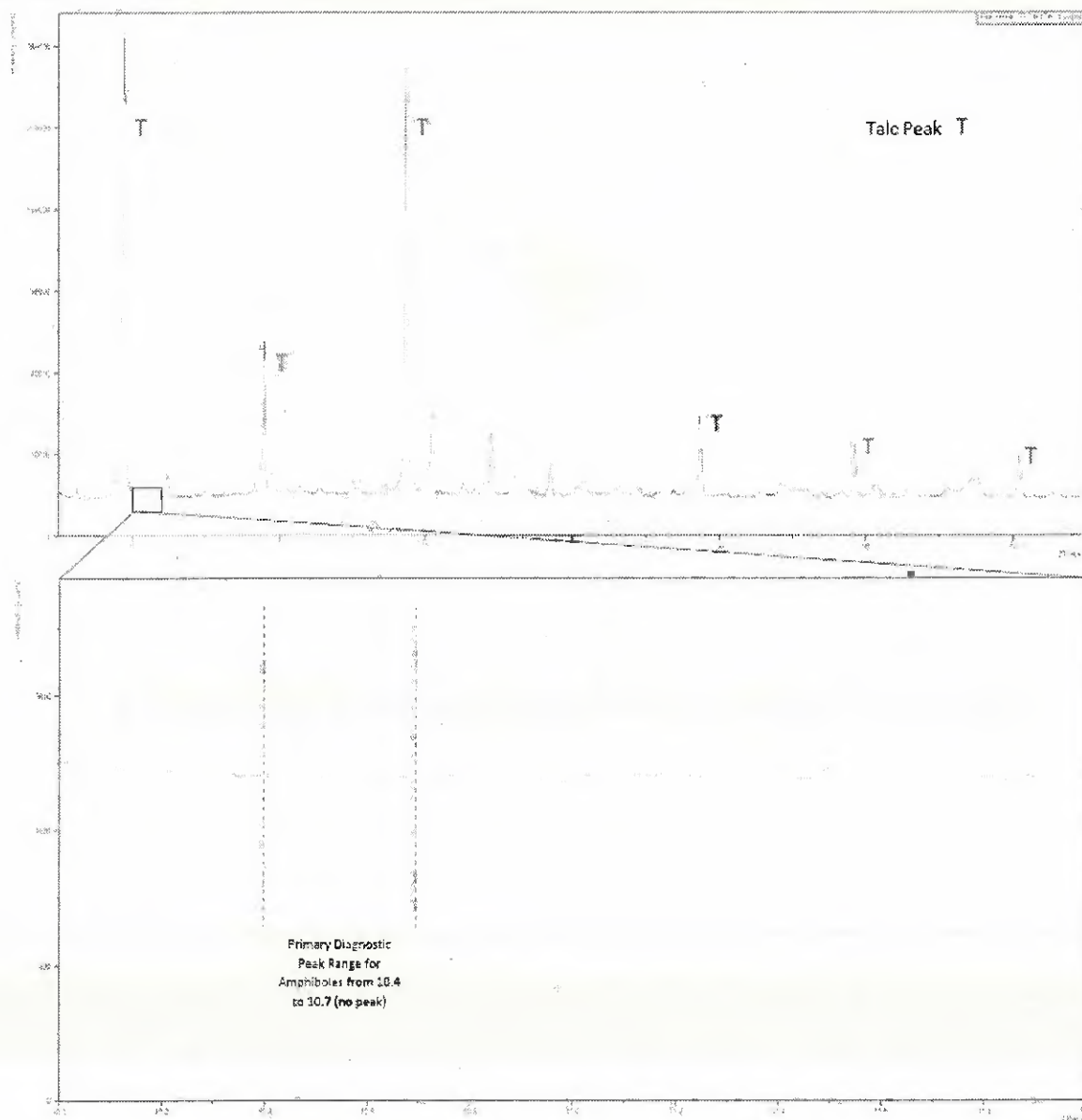




## Determination of Asbestos in Talc by XRD

ISO 22262-3:2016

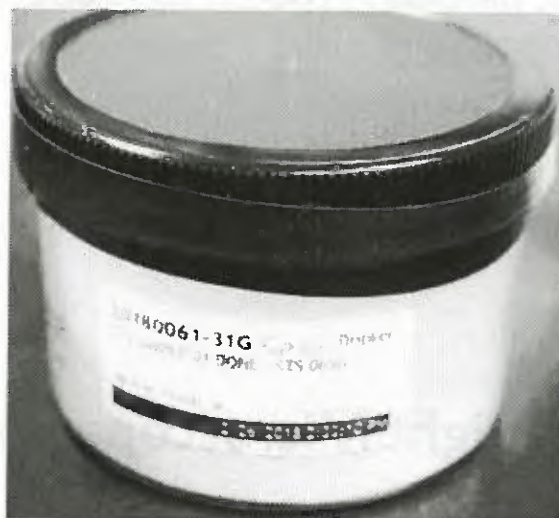
**Sample 20180061-31F**



***No Amphibole Peak Present***



**Sample 20180061-31G**  
**(J3 Lab ID: STS 1616A)**



Sample as received by J3 Resources, Inc.





## Determination of Asbestos in Talc by PLM

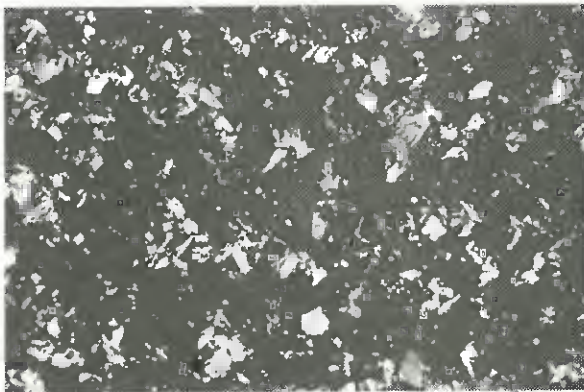
ISO 22262-1:2014

### Sample 20180061-31G

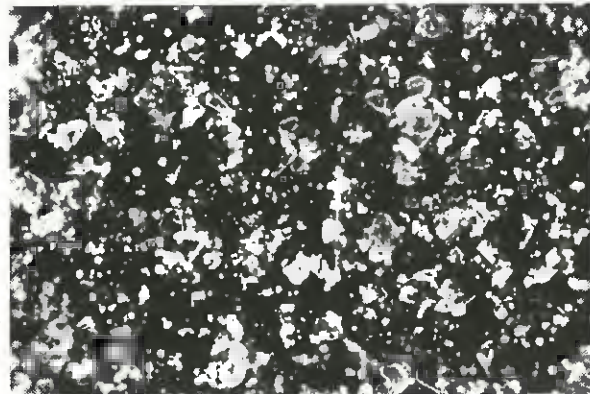
The sample was a white powder containing 60% medium to large platy Talc particles (100 $\mu$ m to >200 $\mu$ m in size). The remaining 40% percent was composed of 20% starch and 20% carbonate material.

No asbestos was detected by PLM.

### Polarized Light Microscope Images



*100X Magnification of Talc Particles  
Crossed polars and 530nm gypsum  
compensator plate*



*100X Magnification dispersion  
staining of Talc Particles  
1.550 refractive index oil*



## Determination of Asbestos in Talc by ATEM

ISO 22262-2:2014

**Sample 20180061-31G**

J3 Order #: JH1898969

Analyst: Lee Poye

Customer: Joseph Satterley, Esq.

Date: 10-Jul-2018

Weight of Sample\*: 0.0174 g  
Percent of Original Sample\*: 65%  
Suspension Volume: 1.5 mL  
Filtered Suspension Volume: 0.1 mL

Filter Size: 25 mm  
Filter Pore Size: 0.2  $\mu\text{m}$   
Area of Analytical Filter: 210 mm<sup>2</sup>  
GO Size: 0.0132 mm<sup>2</sup>  
GO Area Analyzed: 1.056 mm<sup>2</sup>

### Results Summary

Asbestos Structure Number	Length ( $\mu\text{m}$ )	Width ( $\mu\text{m}$ )	Aspect Ratio	Asbestos Type
1	26	0.5	52	Anthophyllite
2	18	0.5	36	Anthophyllite
3	5	0.5	10	Anthophyllite
4	19	1	19	Anthophyllite
AVERAGE	17	0.63	27.2	

Total Asbestos Structures: 4  
Anthophyllite Density: 3000 kg/m<sup>3</sup>  
Cross-section Shape Factor (Amphibole): 0.5

Asbestos Mass Fraction: 0.00080%  
Asbestos Mass Fraction of Original Sample: 0.00052%

\* Sample was previously gravimetrically reduced.

## LAB WORKSHEET

Page: 1 of 3

### Magnification Scan at 3,000X

[illegible]



## LAB WORKSHEET

Page: 2 of 3

Page 197 of 268



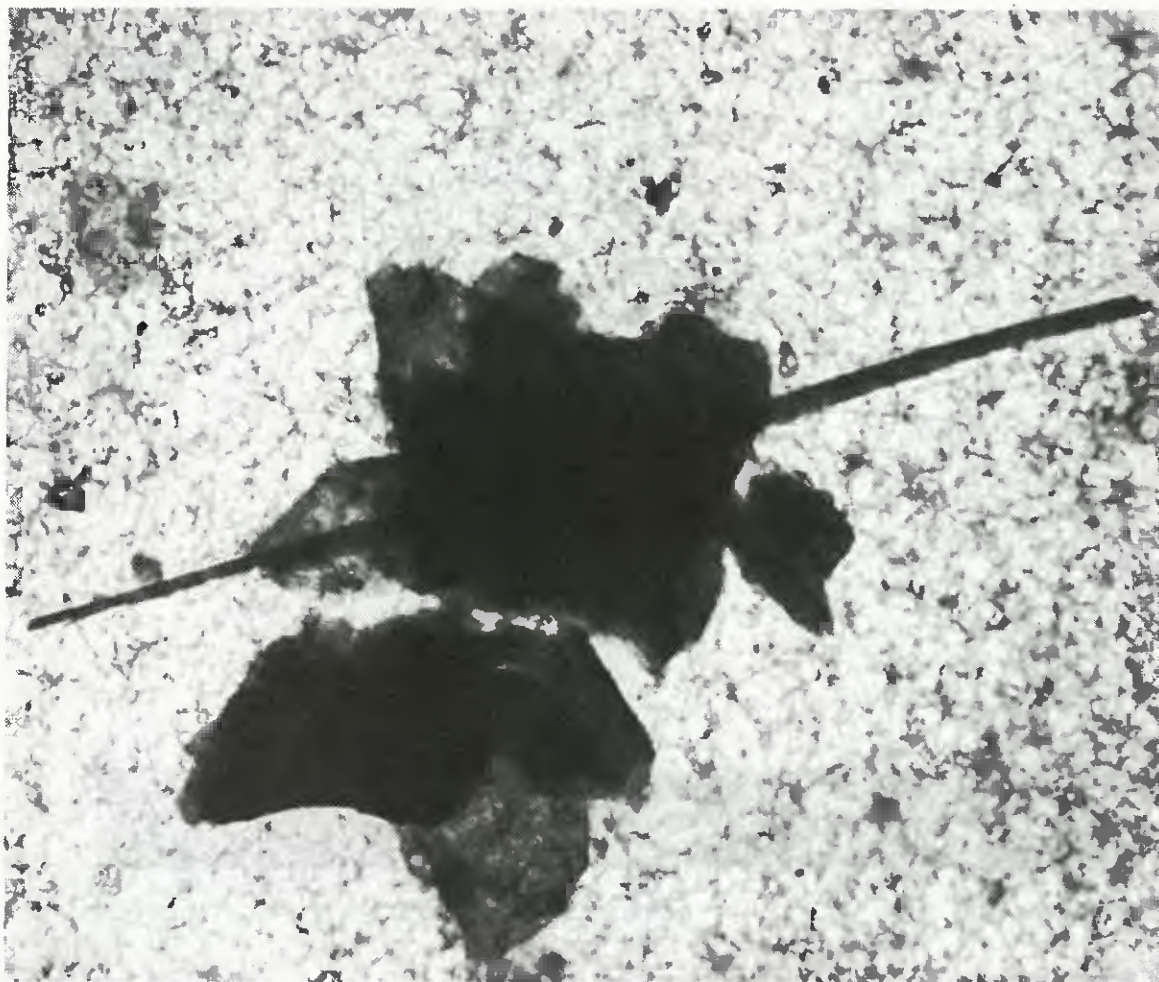
## LAB WORKSHEET

Page: 3 of 3

[illegible]



## Sample 20180061-31G Structure 1 - Morphology



SIS-16 Full Quant\_002  
Anthophyllite  
GO - A6  
Microscopist: LWP

2  $\mu$ m  
HV=100kV  
Direct Mag: 4000 x  
J3 Resources, Inc.



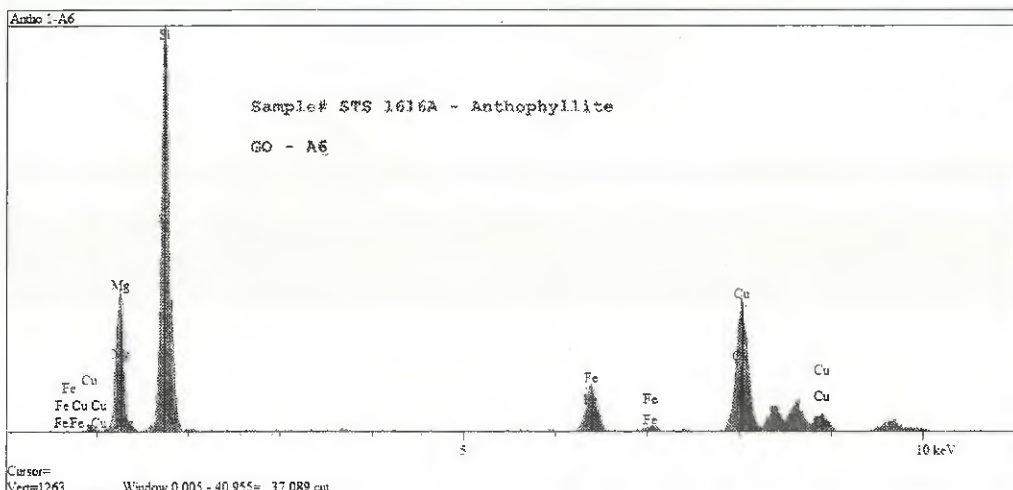
## Sample 20180061-31G

### Structure 1 – Diffraction Pattern and EDS



STS-16 Full Quant\_001  
Anthophyllite  
GO - A6  
Microscopist: LWP

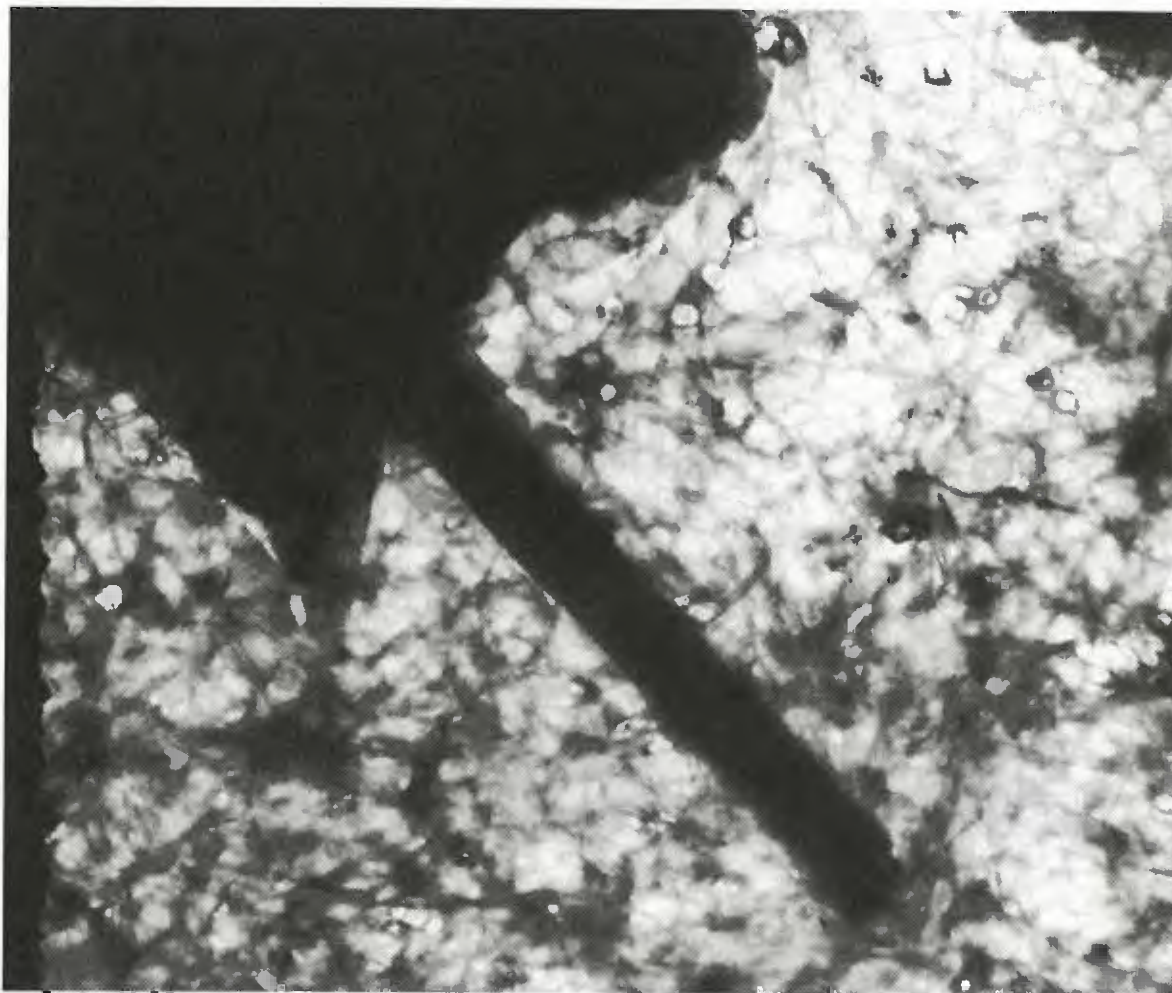
0.2 (1/A)  
HV=100kV  
Cam Len: 0.8000 m  
J3 Resources, Inc.







## Sample 20180061-31G Structure 3 - Morphology



SIS-16 Full Quant\_003  
Anthophyllite  
GO - D10  
Microscopist: LWP

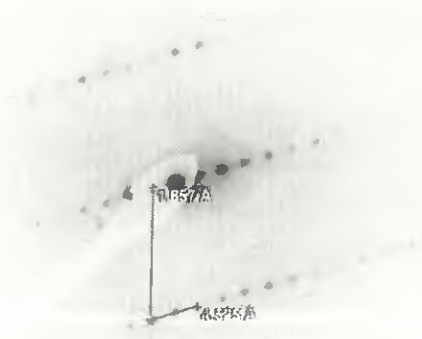
1  $\mu$ m  
HV=100kV  
Direct Mag: 12000 x  
J3 Resources, Inc.





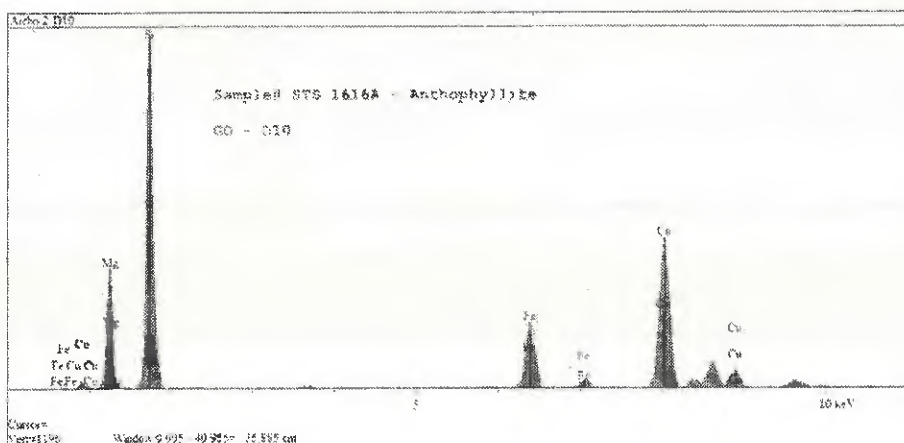
## Sample 20180061-31G

### Structure 3 – Diffraction Pattern and EDS



STS-18 Frit Quant 004  
Anthophyllite- $\text{SAED}$  -  $\text{ZA}$  [101]  
GO - 010  
Microscopist: LWP

0.2 (1/A)  
HV=100kV  
Cam Len: 0.3000 m  
J3 Resources, Inc.

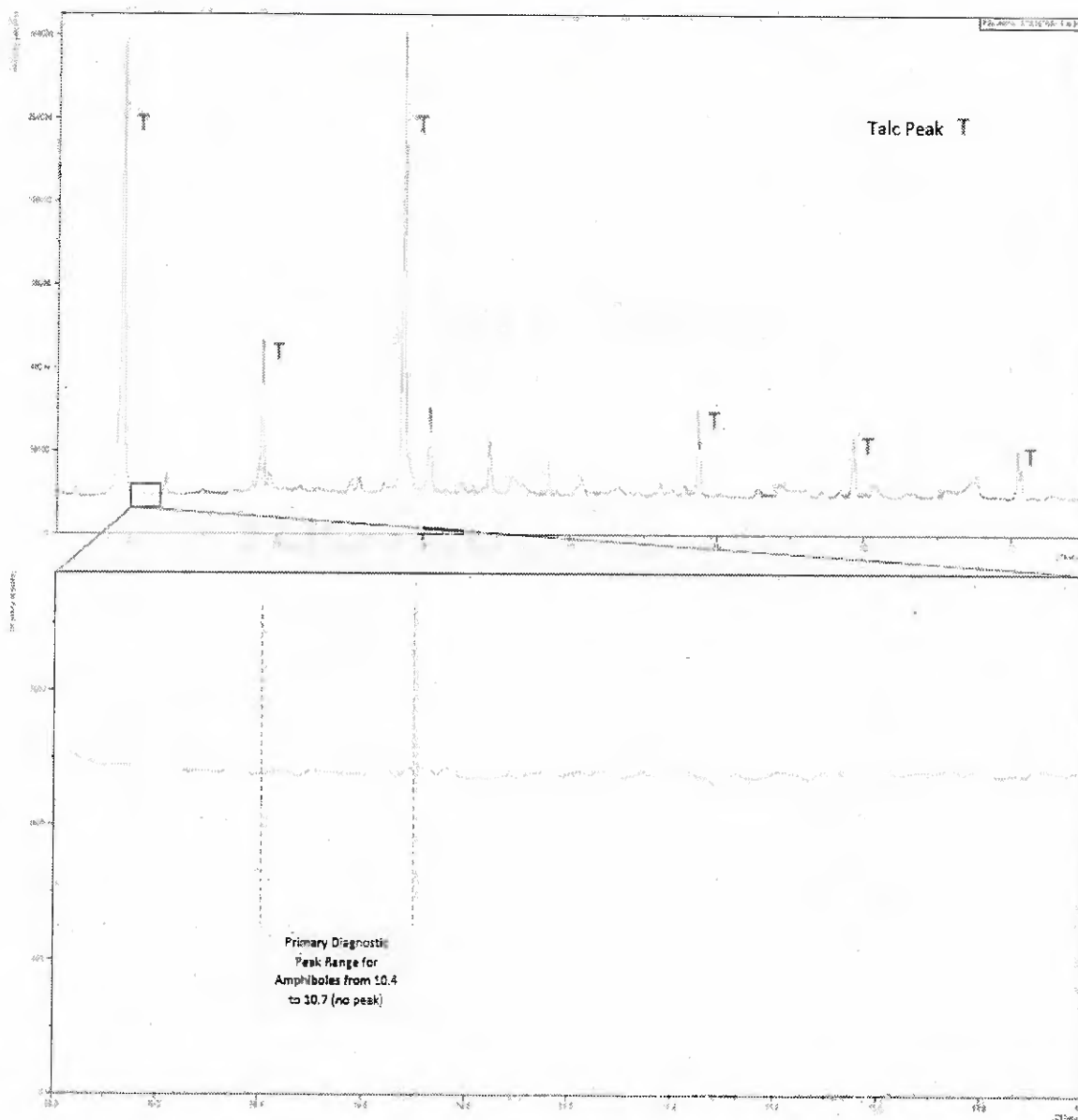




## Determination of Asbestos in Talc by XRD

ISO 22262-3:2016

Sample 20180061-31G



*No Amphibole Peak Present*



# **APPENDIX C**

## **CHAIN OF CUSTODY**

98969

Joseph D. Satterley\*  
Paul J. Kelley  
Paul J. Ivie  
J. Eric Kiser



SATTERLEY & KELLEY  
PLLC

Of Counsel:  
Robert L. Catlett, Jr.

Paralegals:  
Tammy Owens Walker  
Amanda Sanders  
Courtney Lincks

May 22, 2018

Via Federal Express

Lee W. Poye, Vice President  
J3 Resources, Inc.  
6110 W. 34th St.  
Houston, TX 77092

Re: *Hayes v. Colgate, et al.*  
Shower to Shower Samples

Dear Mr. Poye:

Enclosed, please find the following sixteen (16) containers of Shower to Shower samples obtained at Alliance Technologies on May 17, 2018.

Sample 20180070-07D (J&J Box 1- 2014.1.397D)  
Sample 20180061-37D (STS Sample 02 Done- STS 001 D)  
Sample 20180061-38D (STS Sample 02 Done- STS 002 D)  
Sample 20180061-45D (STS Sample 02 Done- STS 009 D)  
Sample 20180061-50D (STS Sample 02 Done- STS 014 D)  
Sample 20180061-51D (STS Sample 02 Done- STS 015 D)  
Sample 20180061-52D (STS Sample 02 Done- STS 016 D)  
Sample 20180061-63D (STS Sample 02 Done- STS 027 D)  
Sample 20180061-65D (STS Sample 02 Done- STS 029 D)  
Sample 20180061-66D (STS Sample 02 Done- STS 030 D)  
Sample 20180061-02D (STS Sample 01 Done- STS 036 D)  
Sample 20180061-10D (STS Sample 01 Done- STS 044 D)  
Sample 20180061-15D (STS Sample 01 Done- STS 049 D)  
Sample 20180061-21D (STS Sample 01 Done- STS 055 D)  
Sample 20180061-31F (STS Sample 01 Done- STS 065 F-Regular)  
Sample 20180061-31G (STS Sample 01 Done- STS 065G-Spice)

I am also enclosing the Joint Catalogue for each sample identified above. Please note on the Joint Catalogues, the samples given to the Estate of Donna Hayes are referenced as Sample D, except for the two samples of 31 which are labeled F and G. Please give me a call upon receipt.

Rec'd 23-May-2018

JDS:ton  
Enclosures

Lee Poye V.P.  
J3 Resources, Inc.

Sincerely,

Joseph D. Satterley



EXHIBIT E

IN RE JOHNSON & JOHNSON TALCUM POWDER PRODUCTS  
MARKETING, SALES PRACTICES, AND PRODUCTS LIABILITY LITIGATION  
MDL NO. 16-2738 (FLW) (LHG)

JOINT CATALOGUE

LABORATORY CONTROL NO.	SAMPLE IDENTIFICATION NO.	LABEL ON ORIGINAL CONTAINER	DATE ON ORIGINAL CONTAINER	QUANTITY ON LABEL OF ORIGINAL CONTAINER	ACTUAL QUANTITY IN ORIGINAL CONTAINER	QUANTITY IN ORIGINAL CONTAINER OR NEW RECEIPTABLE AFTER DIVISION
20180070-07	2014.001.0397	Shower to Shower Deodorant Body Powder	1978	8 oz.	~7.302.	~3.66 oz.
20180070-07A						~1.32 oz.
20180070-07B						~1.84 oz.
20180070-07C						NOT USED
20180070-07D						~0.48 oz.

Observer for plaintiffs hereby acknowledges receipt of 20180070-07A, ~1.32 oz. of original Sample 20180070-07.  
(weight)

James W. Duder  
Observer for Plaintiffs  
Date 5/17/18

AMK

Observer for plaintiffs hereby acknowledges receipt of 20180070-07D, ~~1.84~~ 0.48 oz. of original Sample 20180070-07.  
(weight)

James W. Duder  
Observer for Plaintiffs  
Date 5/17/18

Observer for defendants hereby acknowledges receipt of 20180070-07B, ~1.84 oz. of original Sample 20180070-07.  
(weight)

K. Z. Z.  
Observer for Defendants  
Date 5/17/18

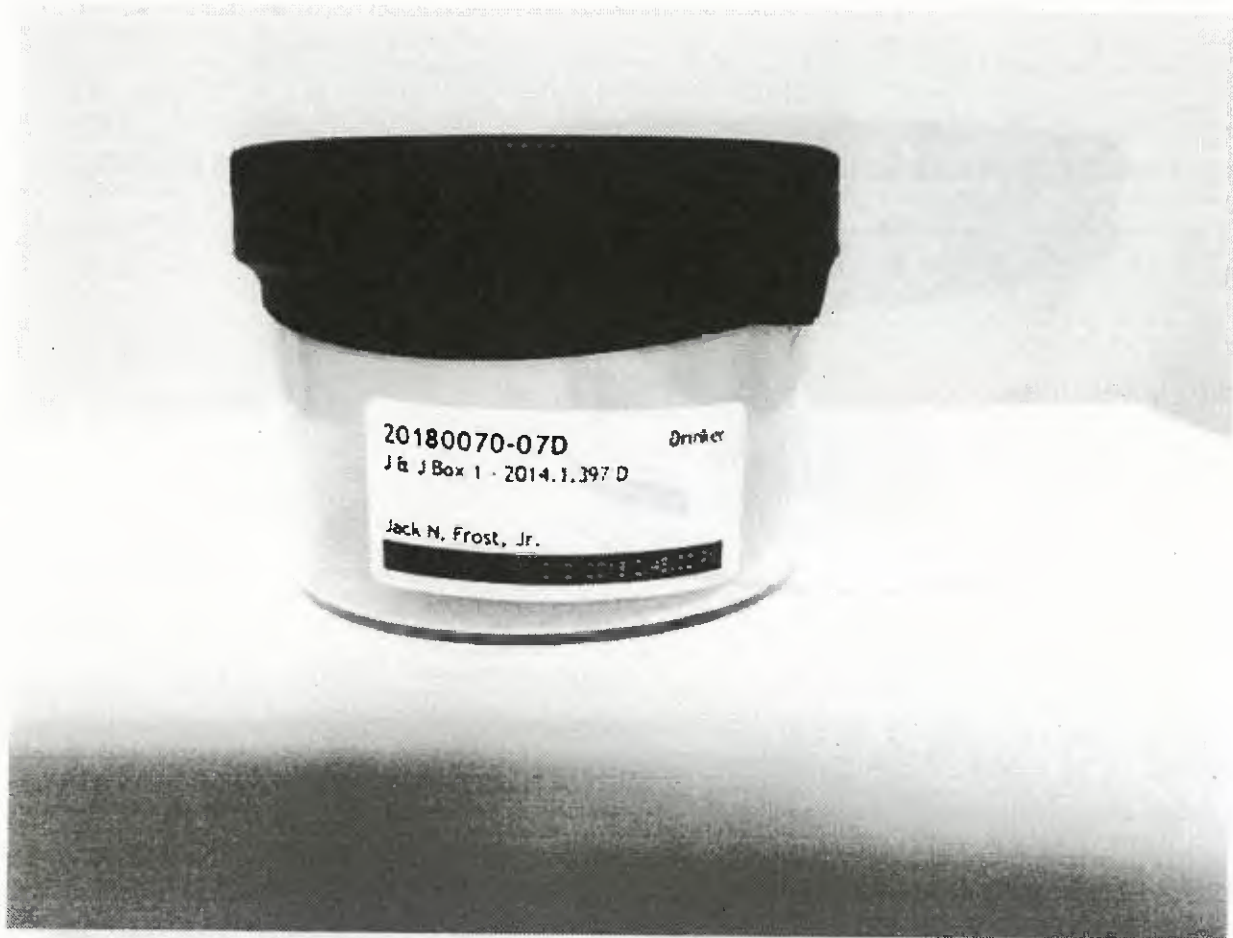
Laboratory technician hereby acknowledges that all remaining material from Sample 20180070-07 was  
(check one): ☒ replaced in its original container ☐ transferred to a new receptacle (20180070-07C).

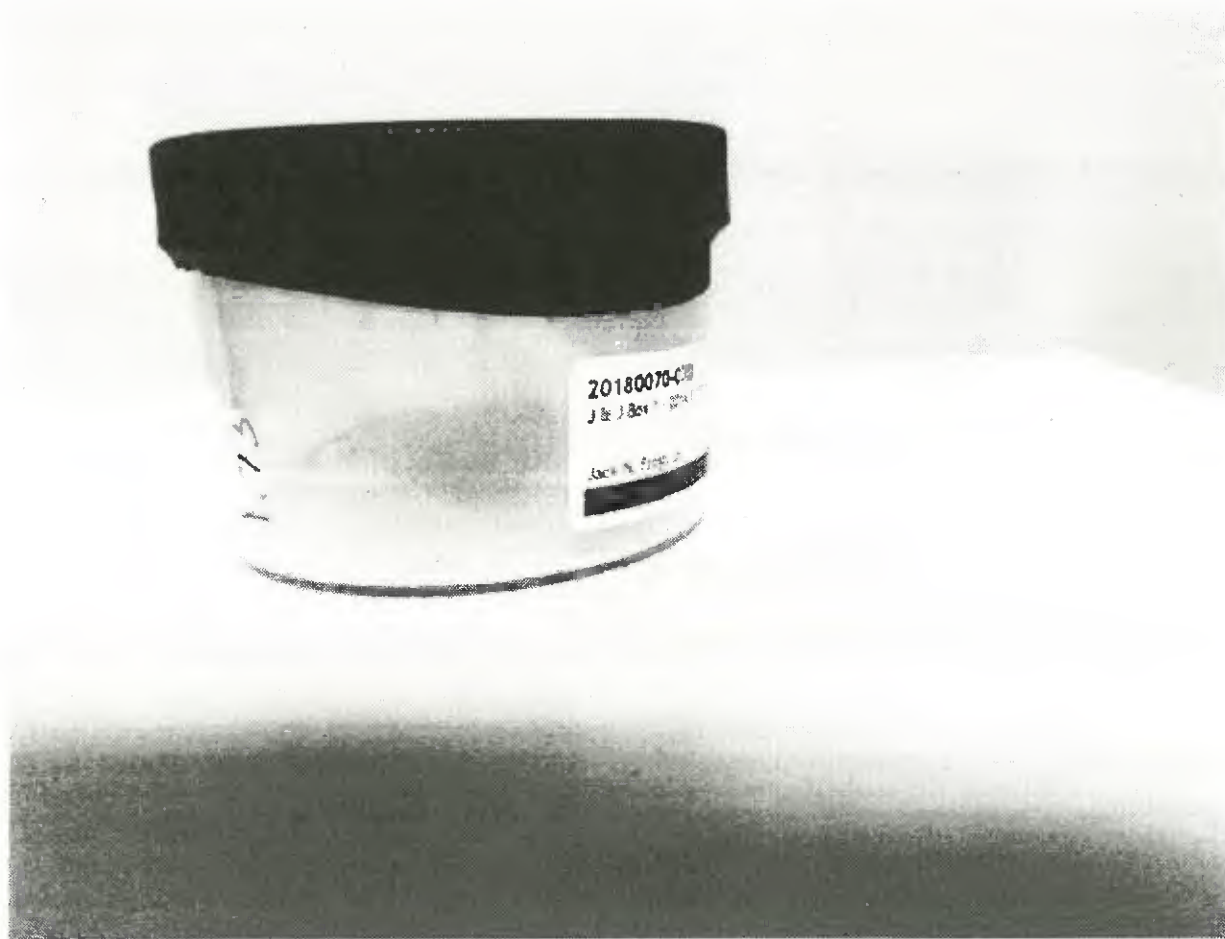
James W. Duder  
Laboratory Technician  
Date 5/17/18

This form is an Exhibit to the Agreed Order and Stipulation Regarding the Johnson & Johnson Defendants' Production of Talcum Powder Products and Talc Samples ("Agreed Order"). Terms used herein have the same meaning as defined in the Agreed Order. The instant form has been adapted for use in connection with the initial division of Samples STS009, STS014, STS015, STS027, STS029, STS030, STS044, STS049 and 2014.001.0397, and further division of Samples STS001, STS002, STS016, STS036, STS055 and STS065.

JH1898969

Page 206 of 268





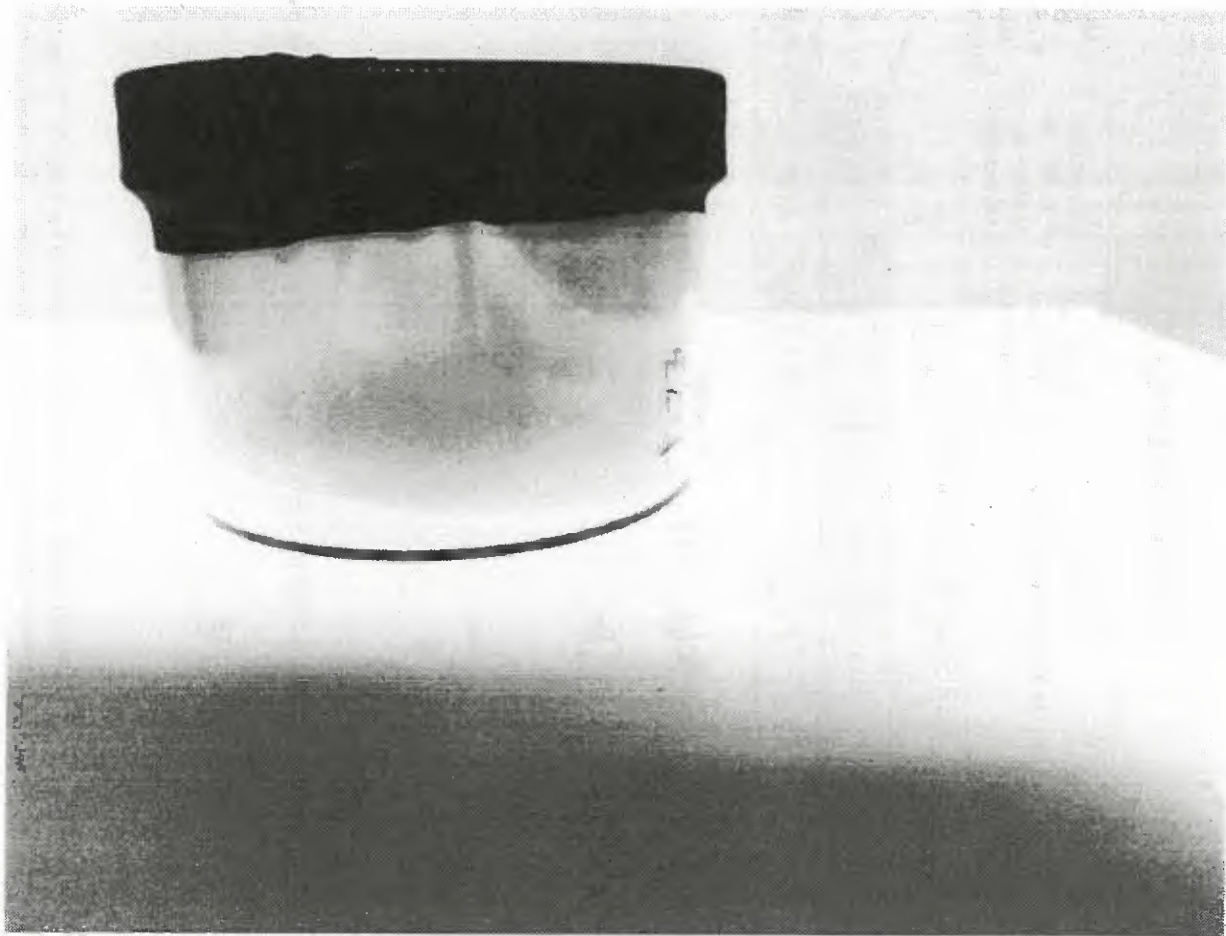




EXHIBIT E'

IN RE JOHNSON & JOHNSON TALCUM POWDER PRODUCTS  
MARKETING, SALES PRACTICES, AND PRODUCTS LIABILITY LITIGATION  
MDL NO. 16-2738 (FLW) (LHG)

JOINT CATALOGUE

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2018 0061-37	STS001	MORNING FRESH SCENT Shower to Shower DEODORANT BODY POWDER With Baking Soda	1982	8 oz.	<del>                    </del>	<del>                    </del>
2018 0061-37 C					~ 4.49 oz.	~ 4.03 oz.
2018 0061-37 D						~ 0.46 oz.

Observer for plaintiffs hereby acknowledges receipt of 2018 0061-37 D, ~ 0.46 oz. of 2018 0061-37C (weight)

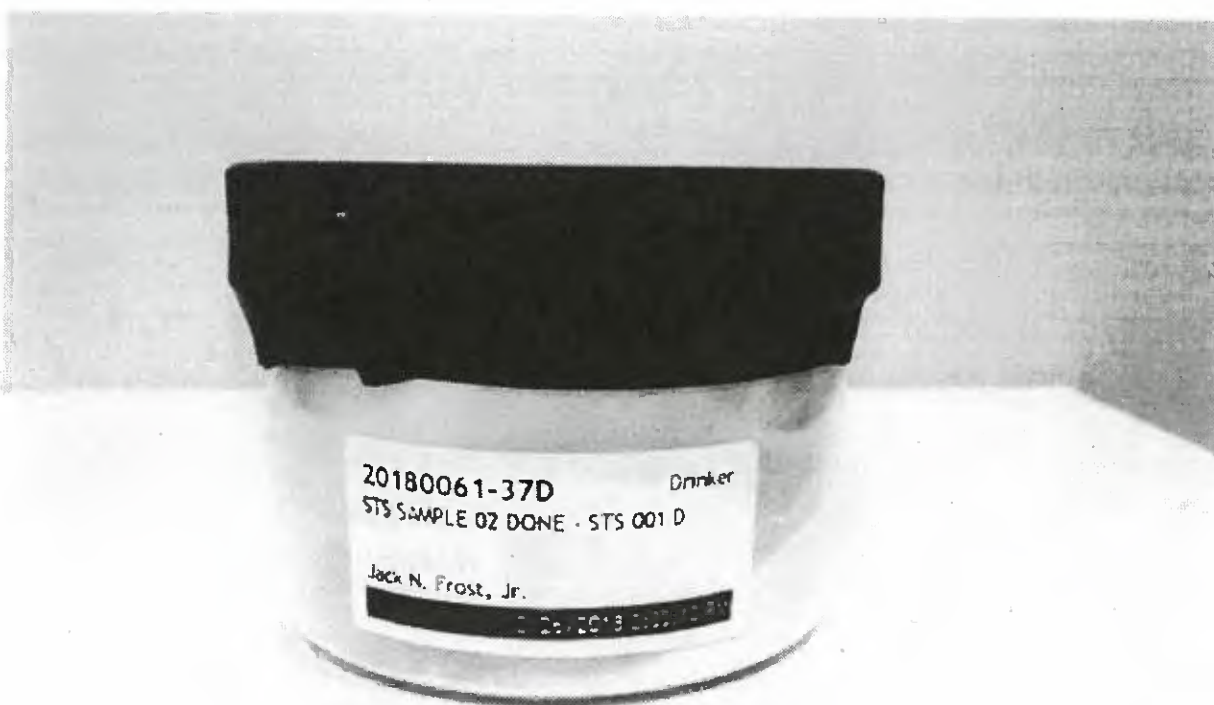
  
Observer for Plaintiffs      5/17/18  
Date

Observer for defendants hereby acknowledges witnessing the same.  
  
Observer for Defendants      5/17/18  
Date

Laboratory technician hereby acknowledges that all remaining material from 2018 0061-37C was returned to its original container or receptacle.

  
Laboratory Technician      5/17/18  
Date

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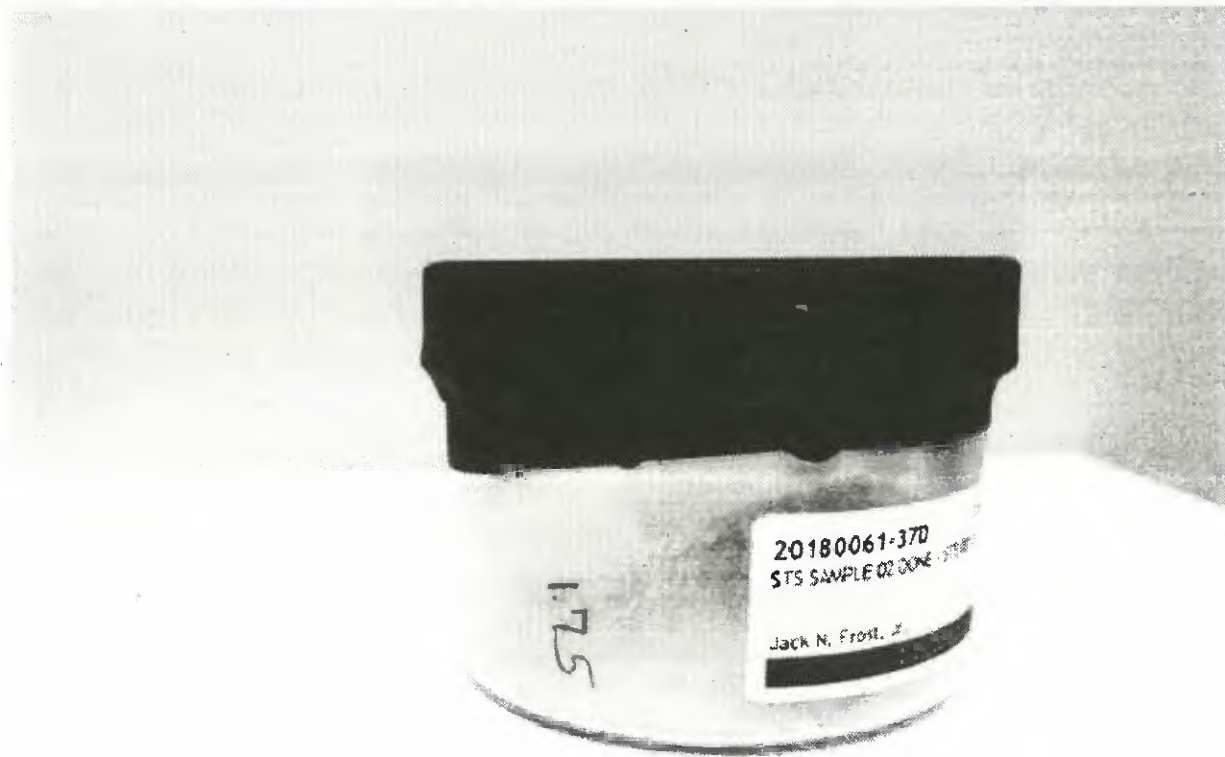






EXHIBIT E

IN RE JOHNSON & JOHNSON TALCUM POWDER PRODUCTS  
MARKETING, SALES PRACTICES, AND PRODUCTS LIABILITY LITIGATION  
MDL NO. 16-2738 (FLW) (LHG)

JOINT CATALOGUE

LABORATORY CONTROL NO.	SAMPLE IDENTIFICATION NO.	LABEL ON ORIGINAL CONTAINER	DATE ON ORIGINAL CONTAINER	QUANTITY ON LABEL OF ORIGINAL CONTAINER	QUANTITY IN ORIGINAL CONTAINER OR RECEPTACLE BEFORE DIVISION	QUANTITY IN ORIGINAL CONTAINER/RECEPTACLE OR NEW RECEPTACLE AFTER DIVISION
2018 0061-38	STS002	IMPROVED! Shower to Shower DEODORANT BODY POWDER with Baking Soda	1980	8 oz.	/	/
2018 0061-38 C					~ 4.15 oz.	~ 3.67 oz.
2018 0061-38 D						~ 0.48 oz.

Observer for plaintiffs hereby acknowledges receipt of 2018 0061-38 D, ~ 0.48 oz. of 2018 0061-38C (weight)

  
Observer for Plaintiffs 5/17/18  
Date

Observer for defendants hereby acknowledges witnessing the same.  
  
Observer for Defendants 5/17/18  
Date

Laboratory technician hereby acknowledges that all remaining material from 2018 0061-38C was returned to its original container or receptacle.

  
Laboratory Technician 5/17/18  
Date

This form is an Exhibit to the Agreed Order and Stipulation Regarding the Johnson & Johnson Defendants' Production of Talcum Powder Products and Talc Samples ("Agreed Order"). Terms used herein have the same meaning as defined in the Agreed Order. The instant form has been adapted for use in connection with the initial division of Samples STS009, STS014, STS015, STS027, STS029, STS030, STS044, STS049 and 2014-001-0397, and further division of Samples STS001, STS002, STS016, STS036, STS055 and STS065.

JH1808060

Page 214 of 268

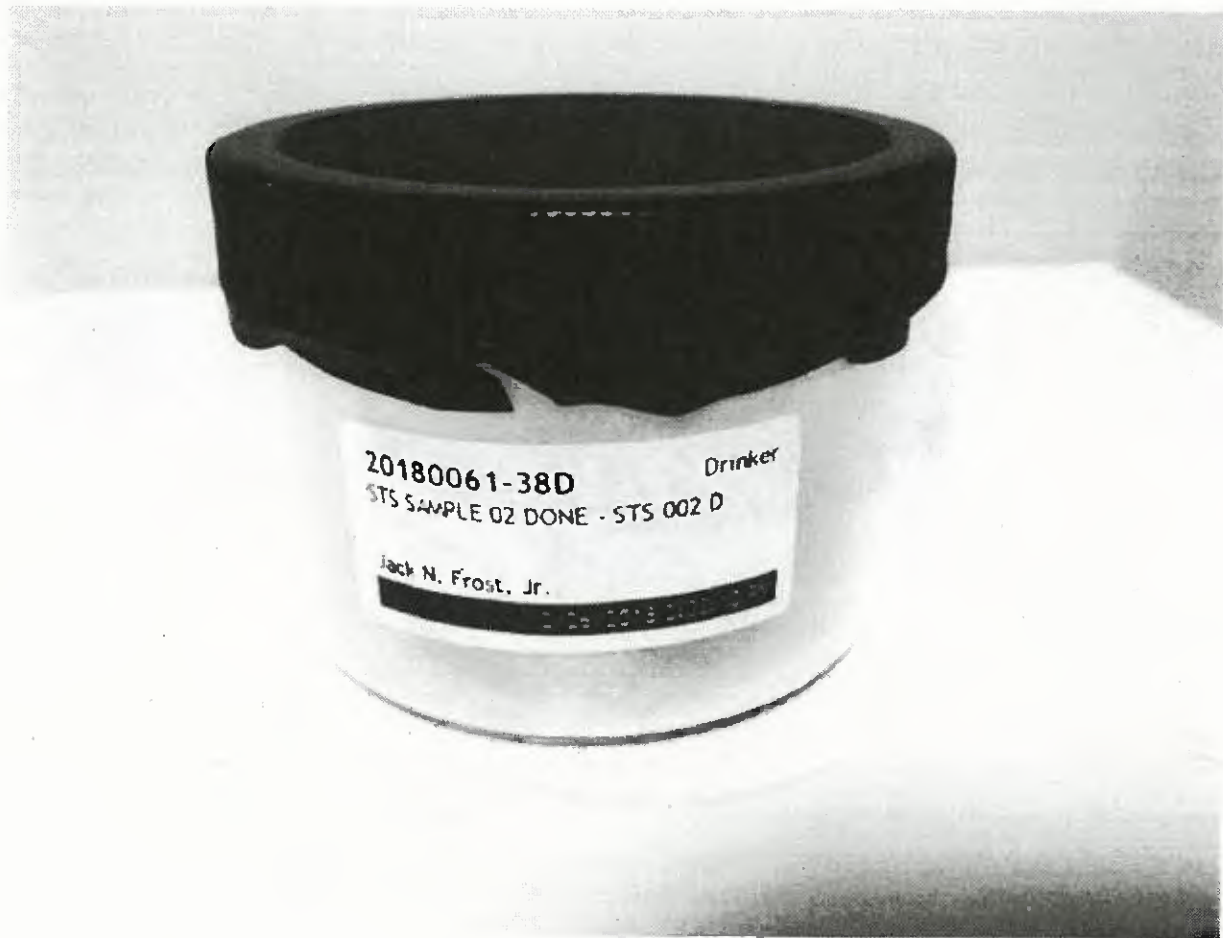








EXHIBIT E

IN RE JOHNSON & JOHNSON TALCUM POWDER PRODUCTS  
MARKETING, SALES PRACTICES, AND PRODUCTS LIABILITY LITIGATION  
MDL NO. 16-2738 (FLW) (LHG)

JOINT CATALOGUE

LABORATORY CONTROL NO.	SAMPLE IDENTIFICATION NO.	LABEL ON ORIGINAL CONTAINER	DATE ON ORIGINAL CONTAINER	QUANTITY ON LABEL OF ORIGINAL CONTAINER	ACTUAL QUANTITY IN ORIGINAL CONTAINER	QUANTITY IN ORIGINAL CONTAINER OR NEW RECEPTACLE AFTER DIVISION
2018 0061 - 45	STS009	MORNING FRESH SCENT Shower to Shower DEODORANT BODY POWDER with Baking Soda	1982	13 oz.	~14.03oz	~7.03 oz.
2018 0061 - 45 A						~2.96 oz.
2018 0061 - 45 B						~3.54 oz.
2018 0061 - 45 C						NOT USED
2018 0061 - 45 D						~0.50 oz.

Observer for plaintiffs hereby acknowledges receipt of 2018 0061 - 45 A. ~2.96oz. of original Sample 2018 0061 - 45 \* 20180061-45A will be held at the laboratory and shipped to the MDL PE separately. (AMK)

*[Signature]*  
Observer for Plaintiffs  
5/17/18  
Date

Observer for plaintiffs hereby acknowledges receipt of 2018 0061 - 45 D. ~0.50oz. of original Sample 2018 0061 - 45 (weight)

*[Signature]*  
Observer for Plaintiffs  
5/17/18  
Date

Observer for defendants hereby acknowledges receipt of 2018 0061 - 45 B. ~3.54oz. of original Sample 2018 0061 - 45 (weight)

*[Signature]*  
Observer for Defendants  
5/17/18  
Date

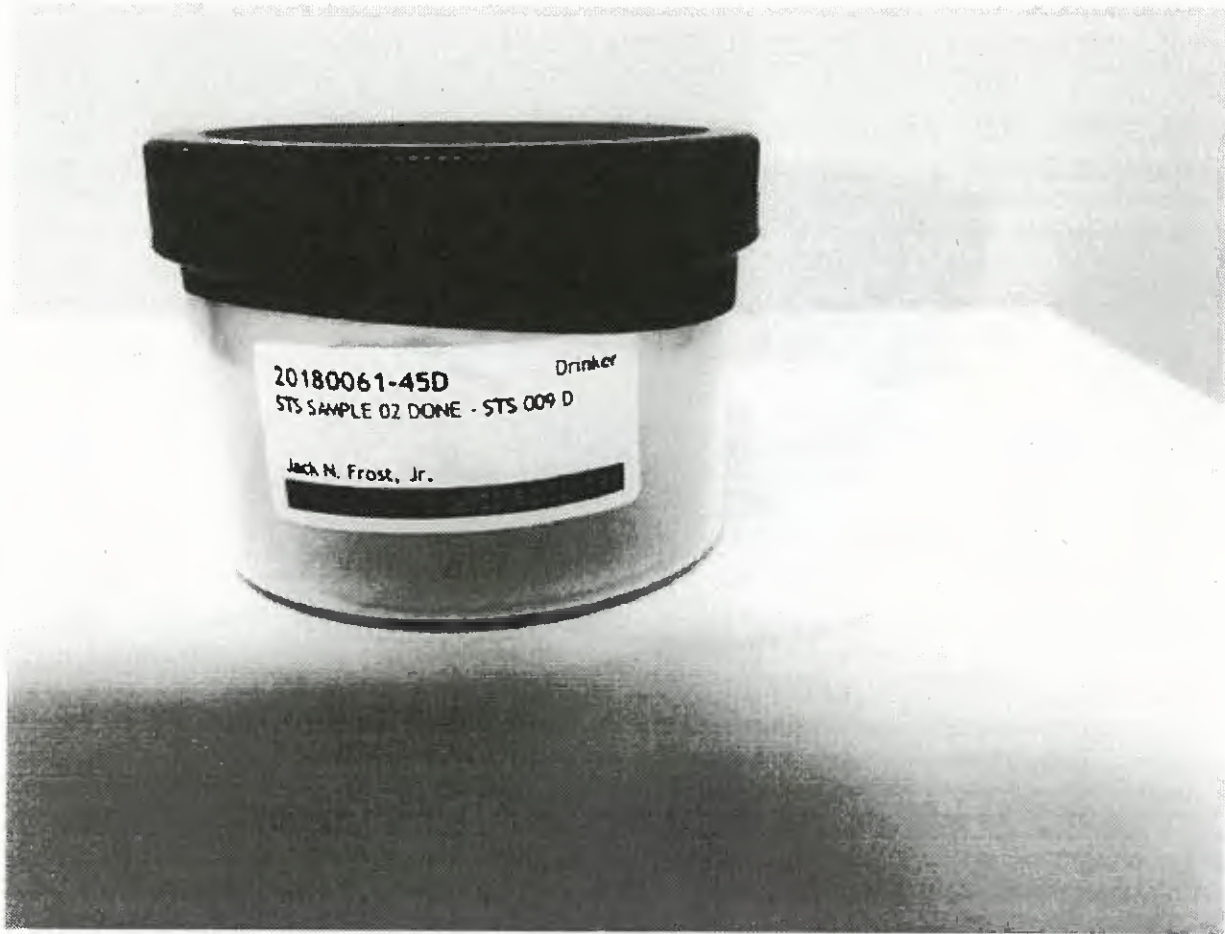
Laboratory technician hereby acknowledges that all remaining material from Sample 2018 0061 - 45 was (check one) ☒ replaced in its original container ☐ transferred to a new receptacle (2018 - - C).

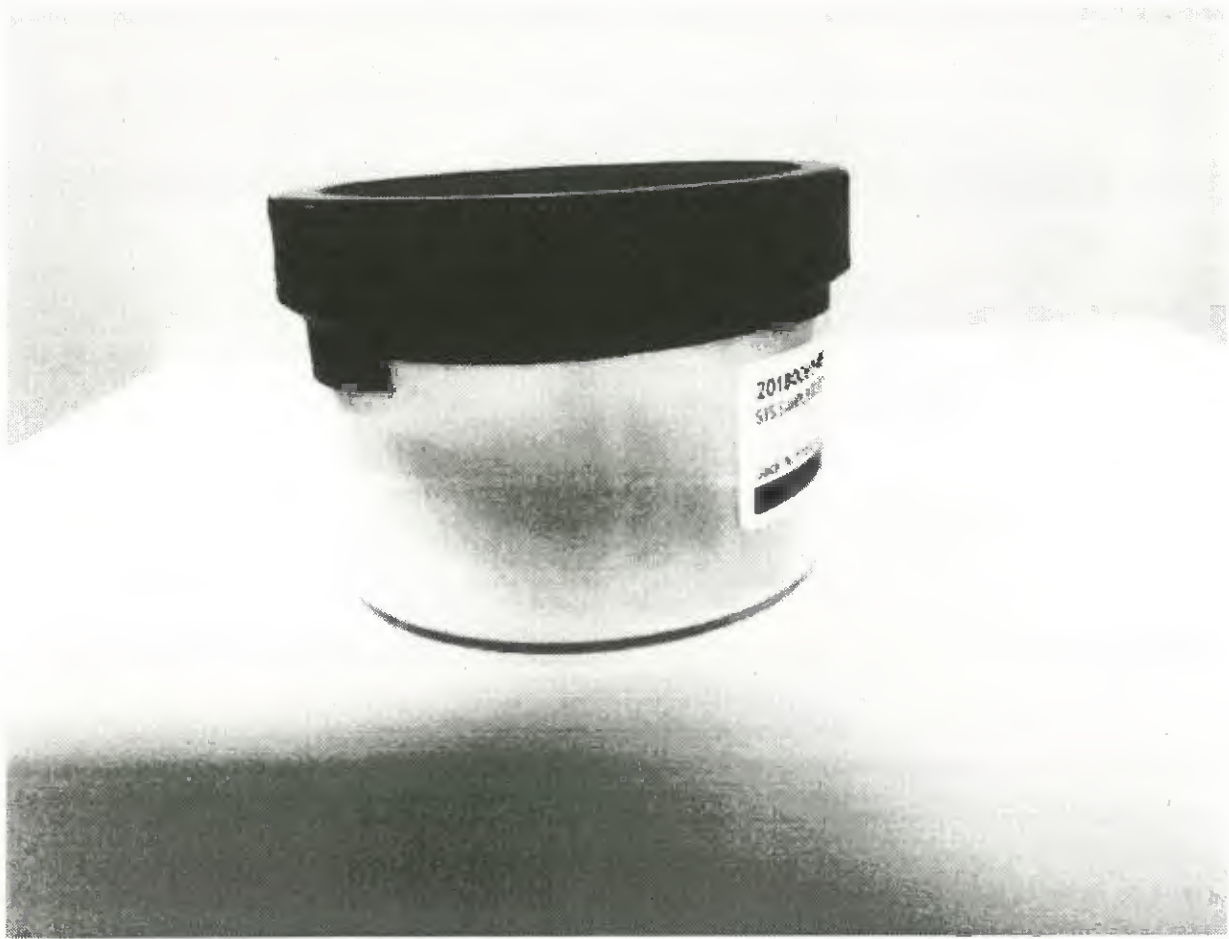
*[Signature]*  
Laboratory Technician  
5/17/18  
Date

This form is an Exhibit to the Agreed Order and Stipulation Regarding the Johnson & Johnson Defendants' Production of Talcum Powder Products and Talc Samples ("Agreed Order"). Terms used herein have the same meaning as defined in the Agreed Order. The instant form has been adapted for use in connection with the initial division of Samples STS009, STS014, STS015, STS027, STS029, STS030, STS044, STS049 and 2014-001-0397, and further division of Samples STS001, STS002, STS016, STS036, STS055 and STS065.

JH1808969

Page 218 of 268





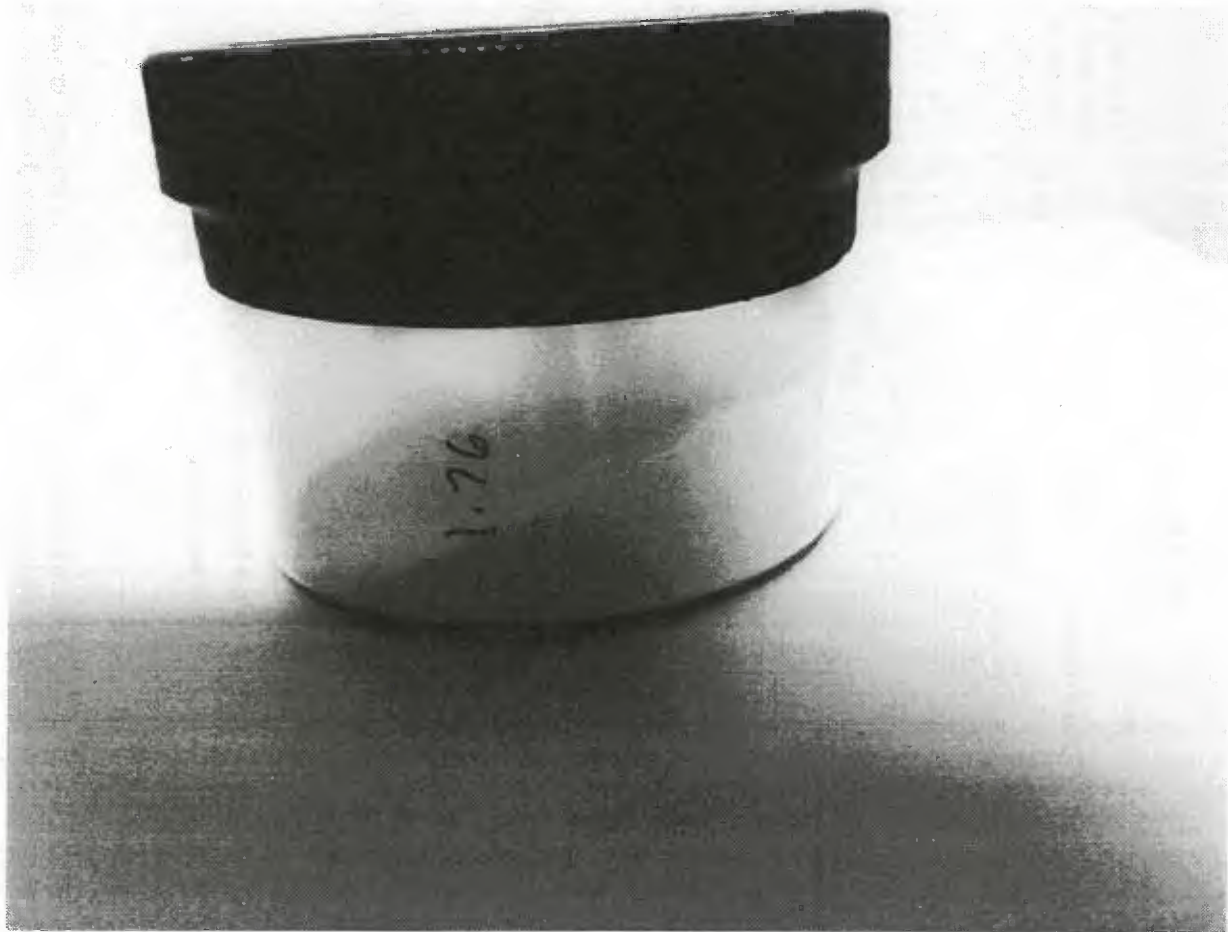




EXHIBIT E'

IN RE JOHNSON & JOHNSON TALCUM POWDER PRODUCTS  
MARKETING, SALES PRACTICES, AND PRODUCTS LIABILITY LITIGATION  
MDL NO. 16-2738 (FLW) (LHG)

JOINT CATALOGUE

LABORATORY CONTROL NO.	SAMPLE IDENTIFICATION NO.	LABEL ON ORIGINAL CONTAINER	DATE ON ORIGINAL CONTAINER	QUANTITY ON LABEL OF ORIGINAL CONTAINER	ACTUAL QUANTITY IN ORIGINAL CONTAINER	QUANTITY IN ORIGINAL CONTAINER OR NEW RECEPTACLE AFTER DIVISION
2018 0061 - 50	STS014	Shower to Shower DEODORANT BODY POWDER with Baking Soda	1978	4 oz.	~ 3.92 oz.	~ 1.97 oz.
2018 0061 - 50 A						~ 0.57 oz.
2018 0061 - 50 B						~ 0.87 oz.
2018 0061 - 50 C						NOT USED
2018 0061 - 50 D						~ 0.51 oz.

\* 20180061-50A will be held at the laboratory and shipped to the MDL PEC separately. AML

Observer for plaintiffs hereby acknowledges receipt of 2018 0061 - 50 A. ~ 0.57 oz. of original Sample 2018 0061 - 50 (weight)

Sam Wachen  
Observer for Plaintiffs  
Date 5/17/18

Observer for plaintiffs hereby acknowledges receipt of 2018 0061 - 50 D. ~ 0.51 oz. of original Sample 2018 0061 - 50 (weight)

Sam Wachen  
Observer for Plaintiffs  
Date 5/17/18

Observer for defendants hereby acknowledges receipt of 2018 0061 - 50 B. ~ 0.87 oz. of original Sample 2018 0061 - 50 (weight)

Sam Wachen  
Observer for Defendants  
Date 5/17/18

Laboratory technician hereby acknowledges that all remaining material from Sample 2018 0061 - 50 was (check one): ☒ replaced in its original container ☐ transferred to a new receptacle (2018 - C).

Sam Wachen  
Laboratory Technician  
Date 5/17/18

This form is an Exhibit to the Agreed Order and Stipulation Regarding the Johnson & Johnson Defendants' Production of Talcum Powder Products and Talc Samples ("Agreed Order"). Terms used herein have the same meaning as defined in the Agreed Order. The instant form has been adapted for use in connection with the initial division of Samples STS009, STS014, STS015, STS027, STS029, STS030, STS044, STS049 and 2014.001.0397, and further division of Samples STS001, STS002, STS016, STS036, STS055 and STS065.

JH1688869

Page 222 of 268

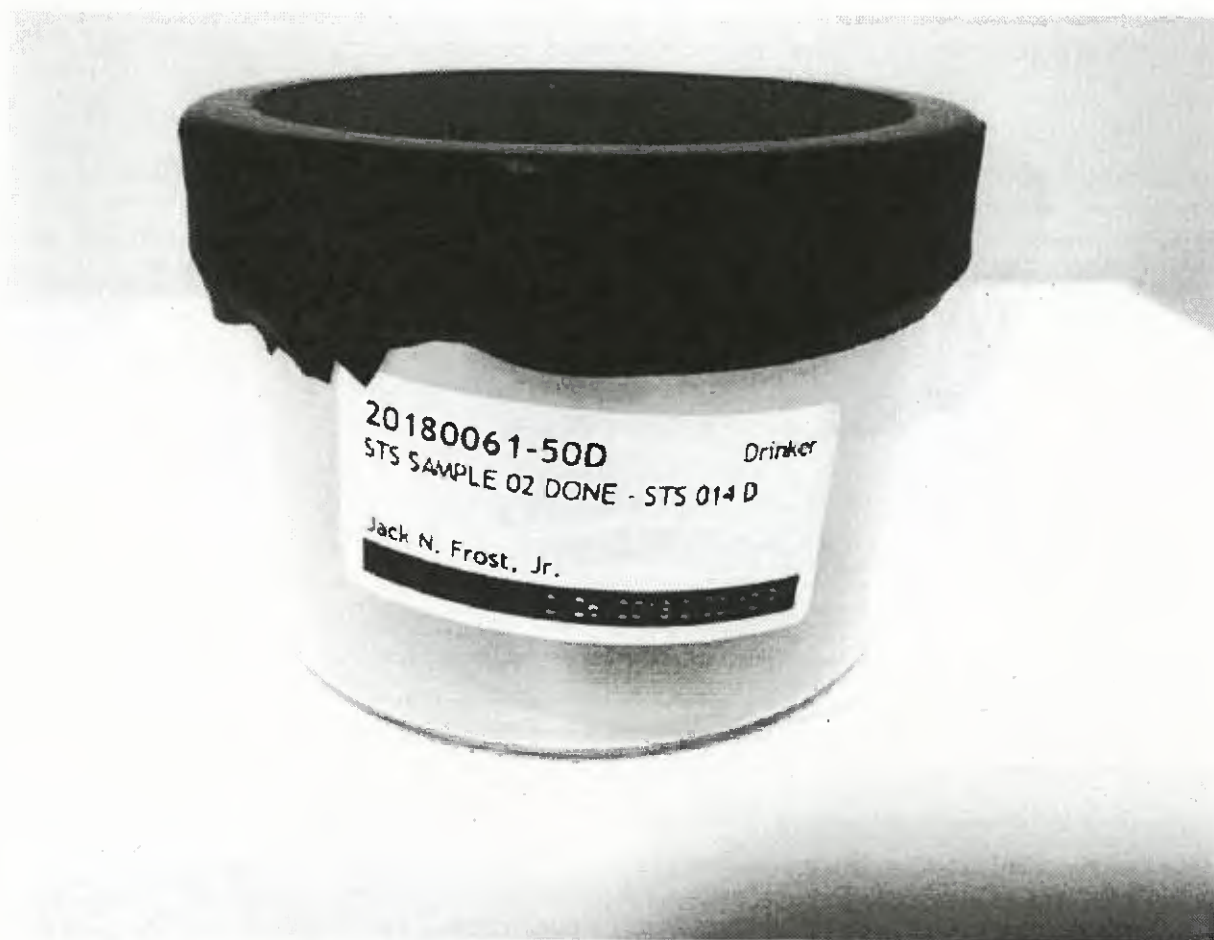








EXHIBIT E'

IN RE JOHNSON & JOHNSON TALCUM POWDER PRODUCTS  
MARKETING, SALES PRACTICES, AND PRODUCTS LIABILITY LITIGATION  
MDL NO. 16-2738 (FLW) (LHG)

JOINT CATALOGUE

LABORATORY CONTROL NO.	SAMPLE IDENTIFICATION NO.	LABEL ON ORIGINAL CONTAINER	DATE ON ORIGINAL CONTAINER	QUANTITY ON LABEL OF ORIGINAL CONTAINER	ACTUAL QUANTITY IN ORIGINAL CONTAINER	QUANTITY IN ORIGINAL CONTAINER OR NEW RECEPTACLE AFTER DIVISION
2018 0061 - 51	STS015	MORNING FRESH SCENT Shower to Shower DEODORANT BODY POWDER with Baking Soda	1982	8 oz.	~ 8.03 oz.	~ 4.03 oz.
2018 0061 - 51 A						~ 1.73 oz.
2018 0061 - 51 B						~ 1.78 oz.
2018 0061 - 51 C						NOT USED
2018 0061 - 51 D						~ 0.49 oz.

Observer for plaintiffs hereby acknowledges receipt of 2018 0061 - 51 A. ~ 1.73 oz. of original Sample 2018 0061 - 51 (weight)

*Sam Weller*  
Observer for Plaintiffs  
Date 5/17/18

Observer for plaintiffs hereby acknowledges receipt of 2018 0061 - 51 D. ~ 0.49 oz. of original Sample 2018 0061 - 51 (weight)

*Miss P. Sk*  
Observer for Plaintiffs  
Date 5/17/18

Observer for defendants hereby acknowledges receipt of 2018 0061 - 51 B. ~ 1.78 oz. of original Sample 2018 0061 - 51 (weight)

*Miss P. Sk*  
Observer for Defendants  
Date 5/17/18

Laboratory technician hereby acknowledges that all remaining material from Sample 2018 0061 - 51 was (check one): ☒ replaced in its original container ☐ transferred to a new receptacle (2018 \_\_\_\_\_ C).

*Johnance*  
Laboratory Technician  
Date 5/17/18

This form is an Exhibit to the Agreed Order and Stipulation Regarding the Johnson & Johnson Defendants' Production of Talcum Powder Products and Talc Samples ("Agreed Order"). Terms used herein have the same meaning as defined in the Agreed Order. The instant form has been adapted for use in connection with the initial division of Samples STS009, STS014, STS015, STS027, STS029, STS030, STS044, STS049 and 2014 001 0397, and further division of Samples STS001, STS002, STS016, STS036, STS055 and STS065.

JH1888969

Page 226 of 268

\* 20180061-51A will be held at the Laboratory and shipped to the MDL PECO separately. (Am)









EXHIBIT F<sup>1</sup>

IN RE JOHNSON & JOHNSON TALCUM POWDER PRODUCTS  
MARKETING, SALES PRACTICES, AND PRODUCTS LIABILITY LITIGATION  
MDL NO. 16-2738 (FLW) (LHG)

JOINT CATALOGUE

LABORATORY CONTROL NO.	SAMPLE IDENTIFICATION NO.	LABEL ON ORIGINAL CONTAINER	DATE ON ORIGINAL CONTAINER	QUANTITY ON LABEL OF ORIGINAL CONTAINER	QUANTITY IN ORIGINAL CONTAINER OR RECEPTACLE BEFORE DIVISION	QUANTITY IN ORIGINAL CONTAINER/RECEPTACLE OR NEW RECEPTACLE AFTER DIVISION
2018 0061-52	STS016	IMPROVED! Shower to Shower- DEODORANT BODY POWDER With Baking Soda	1980-1981	13oz.	~6.30 oz.	~5.80 oz.
2018 0061-52 C					NOT USED	
2018 0061-52 D						~0.51oz.

Observer for plaintiffs hereby acknowledges receipt of 2018 0061-52 D, ~0.51oz. of 2018 0061-52 (weight)

*James J. Decker*  
Observer for Plaintiffs

Observer for defendants hereby acknowledges witnessing the same.

*K. Z. Zs*  
Observer for Defendants

Laboratory technician hereby acknowledges that all remaining material from 2018 0061-52 was returned to its original container or receptacle.

*Johnance*  
Laboratory Technician

<sup>1</sup> This form is an Exhibit to the Agreed Order and Stipulation Regarding the Johnson & Johnson Defendants' Production of Talcum Powder Products and Talc Samples ("Agreed Order"). Terms used herein have the same meaning as defined in the Agreed Order. The instant form has been adapted for use in connection with the initial division of Samples STS009, STS014, STS015, STS027, STS030, STS044, STS049 and 2014.001.0397, and further division of Samples STS001, STS002, STS016, STS036, STS055 and STS065.





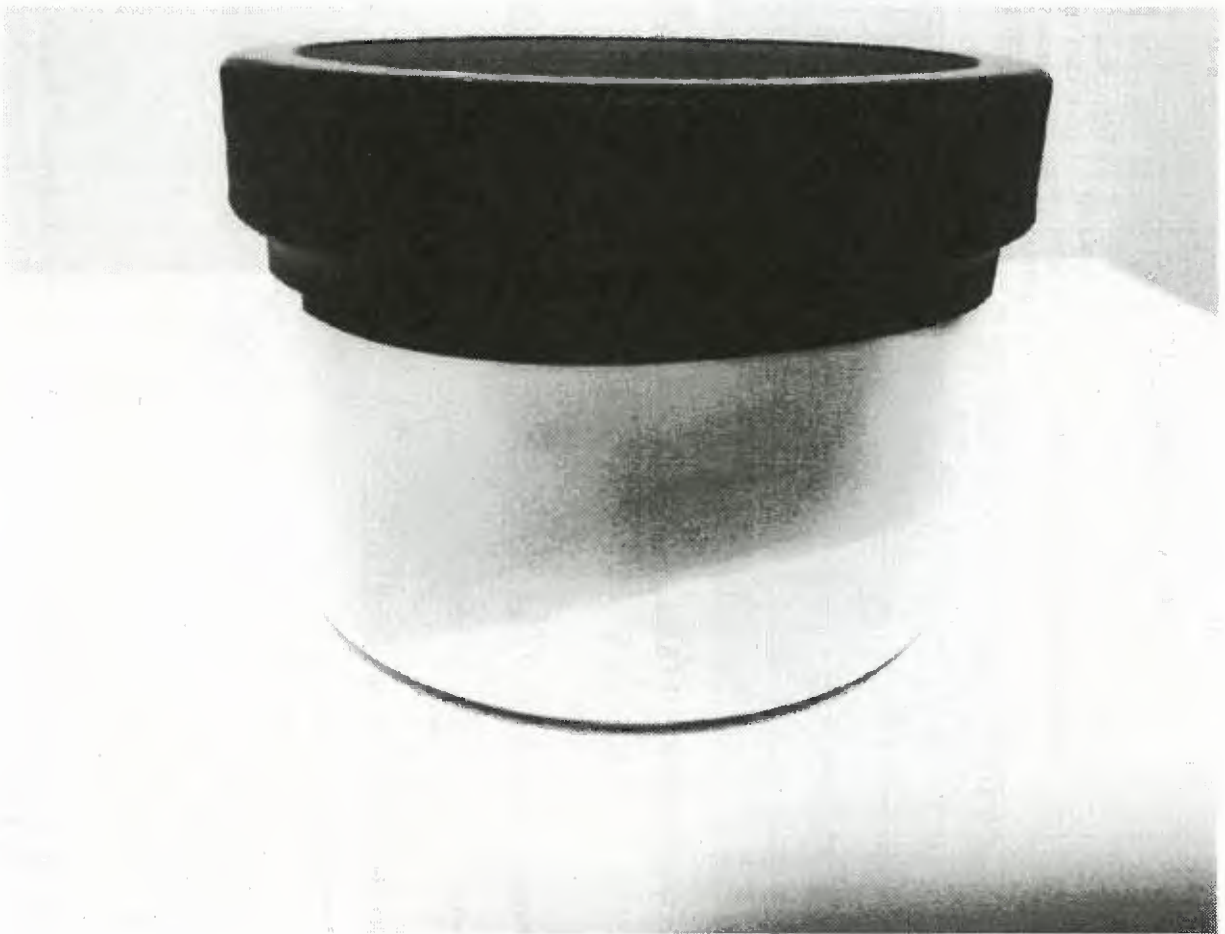




EXHIBIT E<sup>1</sup>

IN RE JOHNSON & JOHNSON TALCUM POWDER PRODUCTS  
MARKETING, SALES PRACTICES, AND PRODUCTS LIABILITY LITIGATION  
MDL NO. 16-2738 (FLW) (LIG)

JOINT CATALOGUE

LABORATORY CONTROL NO.	SAMPLE IDENTIFICATION NO.	LABEL ON ORIGINAL CONTAINER	DATE ON ORIGINAL CONTAINER	QUANTITY ON LABEL OF ORIGINAL CONTAINER	ACTUAL QUANTITY IN ORIGINAL CONTAINER	QUANTITY IN ORIGINAL CONTAINER OR NEW RECEPTACLE AFTER DIVISION
2018 0061 - 63	STS027	IMPROVED! Shower to Shower DEODORANT BODY POWDER with Baking Soda	1980	13 oz.	~13.17 oz.	~6.60 oz.
2018 0061 - 63 A						~2.67 oz.
2018 0061 - 63 B						~3.39 oz.
2018 0061 - 63 C						NOT USED
2018 0061 - 63 D						~0.51 oz.

\* 20180061-63A will be held at the Laboratory and shipped to the MDL PEC separately.

Observer for plaintiffs hereby acknowledges receipt of 2018 0061 - 63 A. ~2.67 oz. of original Sample 2018 0061 - 63 (weight)

*[Signature]*  
Observer for Plaintiffs  
Date 5/17/18

Observer for plaintiffs hereby acknowledges receipt of 2018 0061 - 63 D. ~0.51 oz. of original Sample 2018 0061 - 63 (weight)

*[Signature]*  
Observer for Plaintiffs  
Date 5/17/18

Observer for defendants hereby acknowledges receipt of 2018 0061 - 63 B. ~3.39 oz. of original Sample 2018 0061 - 63 (weight)

*[Signature]*  
Observer for Defendants  
Date 5/17/18

Laboratory technician hereby acknowledges that all remaining material from Sample 2018 0061 - 63 was (check one): ☒ replaced in its original container ☐ transferred to a new receptacle (2018 - C).

*[Signature]*  
Laboratory Technician  
Date 5/17/18

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JH1888969

Page 234 of 268









EXHIBIT E<sup>1</sup>

IN RE JOHNSON & JOHNSON TALCUM POWDER PRODUCTS  
MARKETING, SALES PRACTICES, AND PRODUCTS LIABILITY LITIGATION  
MDL NO. 16-2738 (FLW) (LHG)

JOINT CATALOGUE

LABORATORY CONTROL NO.	SAMPLE IDENTIFICATION NO.	LABEL ON ORIGINAL CONTAINER	DATE ON ORIGINAL CONTAINER	QUANTITY ON LABEL OF ORIGINAL CONTAINER	ACTUAL QUANTITY IN ORIGINAL CONTAINER	QUANTITY IN ORIGINAL CONTAINER OR NEW RECEPTACLE AFTER DIVISION
2018 0061 - 65	STS029	Shower to Shower DEODORANT BODY POWDER with Baking Soda	1980-1981	8 oz.	~ 8.50 oz.	~ 4.26 oz.
2018 0061 - 65 A						~ 1.83 oz.
2018 0061 - 65 B						~ 1.93 oz.
2018 0061 - 65 C						NOT USED
2018 0061 - 65 D						~ 0.48 oz.

Observer for plaintiffs hereby acknowledges receipt of 2018 0061 - 65 A, ~ 1.83 oz. (weight) of original Sample 2018 0061 - 65

*[Signature]*  
Observer for Plaintiffs  
Date 5/17/18

Observer for plaintiffs hereby acknowledges receipt of 2018 0061 - 65 D, ~ 0.48 oz. (weight) of original Sample 2018 0061 - 65

*[Signature]*  
Observer for Plaintiffs  
Date 5/17/18

Observer for defendants hereby acknowledges receipt of 2018 0061 - 65 B, ~ 1.93 oz. (weight) of original Sample 2018 0061 - 65

*[Signature]*  
Observer for Defendants  
Date 5/17/18

Laboratory technician hereby acknowledges that all remaining material from Sample 2018 0061 - 65 was (check one): ☒ replaced in its original container ☐ transferred to a new receptacle (2018 \_\_\_\_\_ C)

*[Signature]*  
Laboratory Technician  
Date 5/17/18

<sup>1</sup> This form is an Exhibit to the Agreed Order and Stipulation Regarding the Johnson & Johnson Defendants' Production of Talcum Powder Products and Talc Samples ("Agreed Order"). Terms used herein have the same meaning as defined in the Agreed Order. The instant form has been adapted for use in connection with the initial division of Samples STS009, STS014, STS015, STS027, STS029, STS030, STS044, and 2014.001.0397, and further division of Samples STS001, STS002, STS016, STS036, STS055 and STS065.

JP1189869

Page 238 of 268

\* 2018 0061 - 65 A will be held at the Laboratory and shipped to the MDL PEC separately. AM

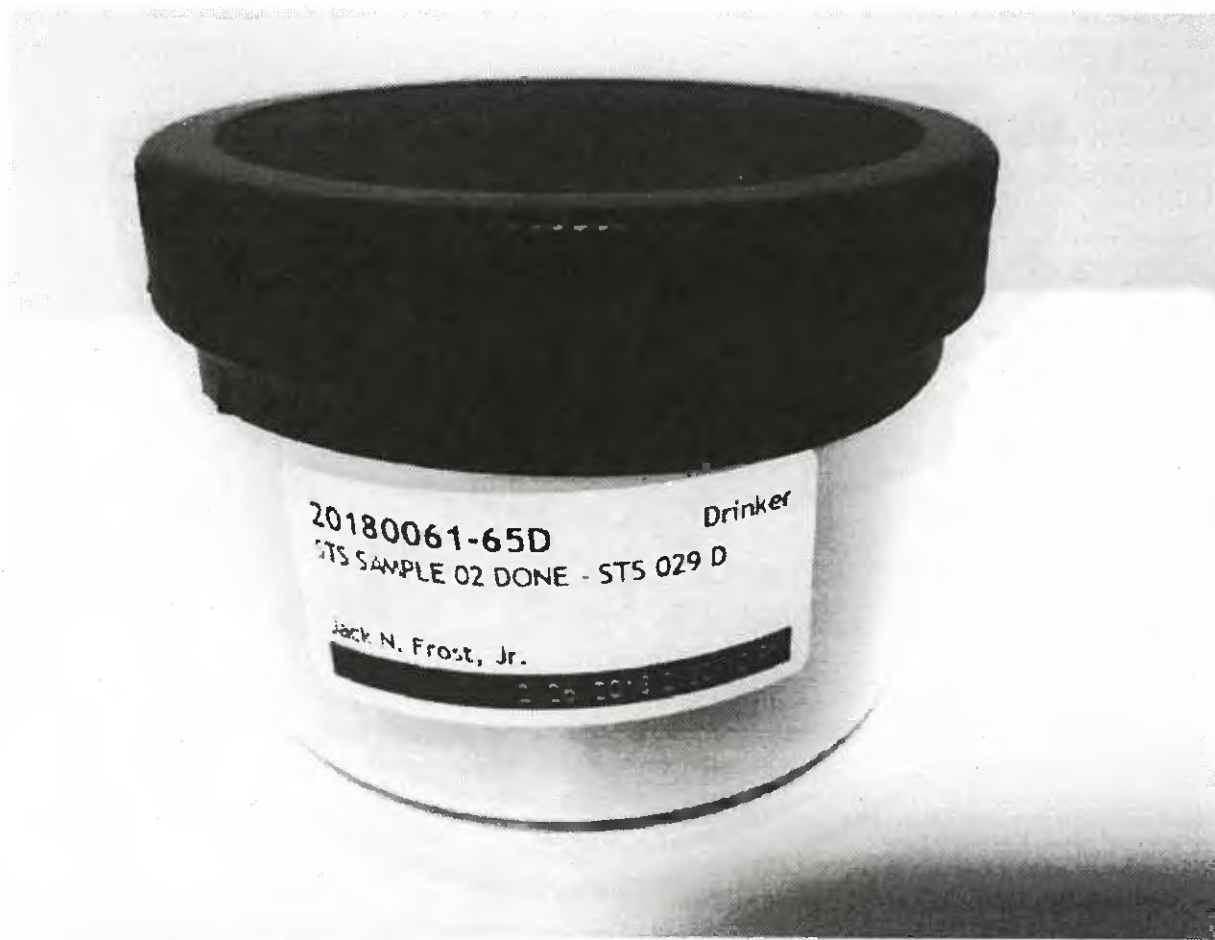








EXHIBIT E'

IN RE JOHNSON & JOHNSON TALCUM POWDER PRODUCTS  
MARKETING, SALES PRACTICES, AND PRODUCTS LIABILITY LITIGATION  
MDL NO. 16-2738 (FLW) (LHG)

JOINT CATALOGUE

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2018 0061 - 66	STS030	MORNING FRESH SCENT Shower to Shower DEODORANT BODY POWDER with Baking Soda	1982	13 oz.	~14.52 oz.	~7.27 oz.
2018 0061 - 66A						~3.17 oz.
2018 0061 - 66B						~3.49 oz.
2018 0061 - 66C						NOT USED
2018 0061 - 66D						~0.59 oz.

\* 20180061-66A will be held at the Laboratory and shipped to the MDL PED separately (AMK)

Observer for plaintiffs hereby acknowledges receipt of 2018 0061 - 66 A. ~3.17 oz. of original Sample 2018 0061 - 66 (weight)

*[Signature]*  
Observer for Plaintiffs  
Date 5/17/18

Observer for plaintiffs hereby acknowledges receipt of 2018 0061 - 66 D. ~0.59 oz. of original Sample 2018 0061 - 66 (weight)

*[Signature]*  
Observer for Plaintiffs  
Date 5/17/18

Observer for defendants hereby acknowledges receipt of 2018 0061 - 66 B. ~3.49 oz. of original Sample 2018 0061 - 66 (weight)

*[Signature]*  
Observer for Defendants  
Date 5/17/18

Laboratory technician hereby acknowledges that all remaining material from Sample 2018 0061 - 66 was (check one): ☒ replaced in its original container ☐ transferred to a new receptacle (2018 C).

*[Signature]*  
Laboratory Technician  
Date 5/17/18

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JH1898869

Page 242 of 268









EXHIBIT E

IN RE JOHNSON & JOHNSON TALCUM POWDER PRODUCTS  
MARKETING, SALES PRACTICES, AND PRODUCTS LIABILITY LITIGATION  
MDL NO. 16-2738 (FLW) (LHG)

JOINT CATALOGUE

LABORATORY CONTROL NO.	SAMPLE IDENTIFICATION NO.	LABEL ON ORIGINAL CONTAINER	DATE ON ORIGINAL CONTAINER	QUANTITY ON LABEL OF ORIGINAL CONTAINER	QUANTITY IN ORIGINAL CONTAINER OR RECEIPTABLE BEFORE DIVISION	QUANTITY IN ORIGINAL CONTAINER/RECEIPTABLE OR NEW RECEIPTABLE AFTER DIVISION
2018 0061-02	STS036	Shower to Shower DEODORANT BODY POWDER with Baking Soda	1975	13 oz.	~ 6.31 oz.	~ 5.79 oz.
2018 0061-02C					NOT USED	NOT USED
2018 0061-02D						~ 0.51 oz.

Observer for plaintiffs hereby acknowledges receipt of 2018 0061-02 D. ~ 0.51 oz. of 2018 0061-02 (weight)

  
Observer for Plaintiffs 5/17/18  
Date

Observer for defendants hereby acknowledges witnessing the same.

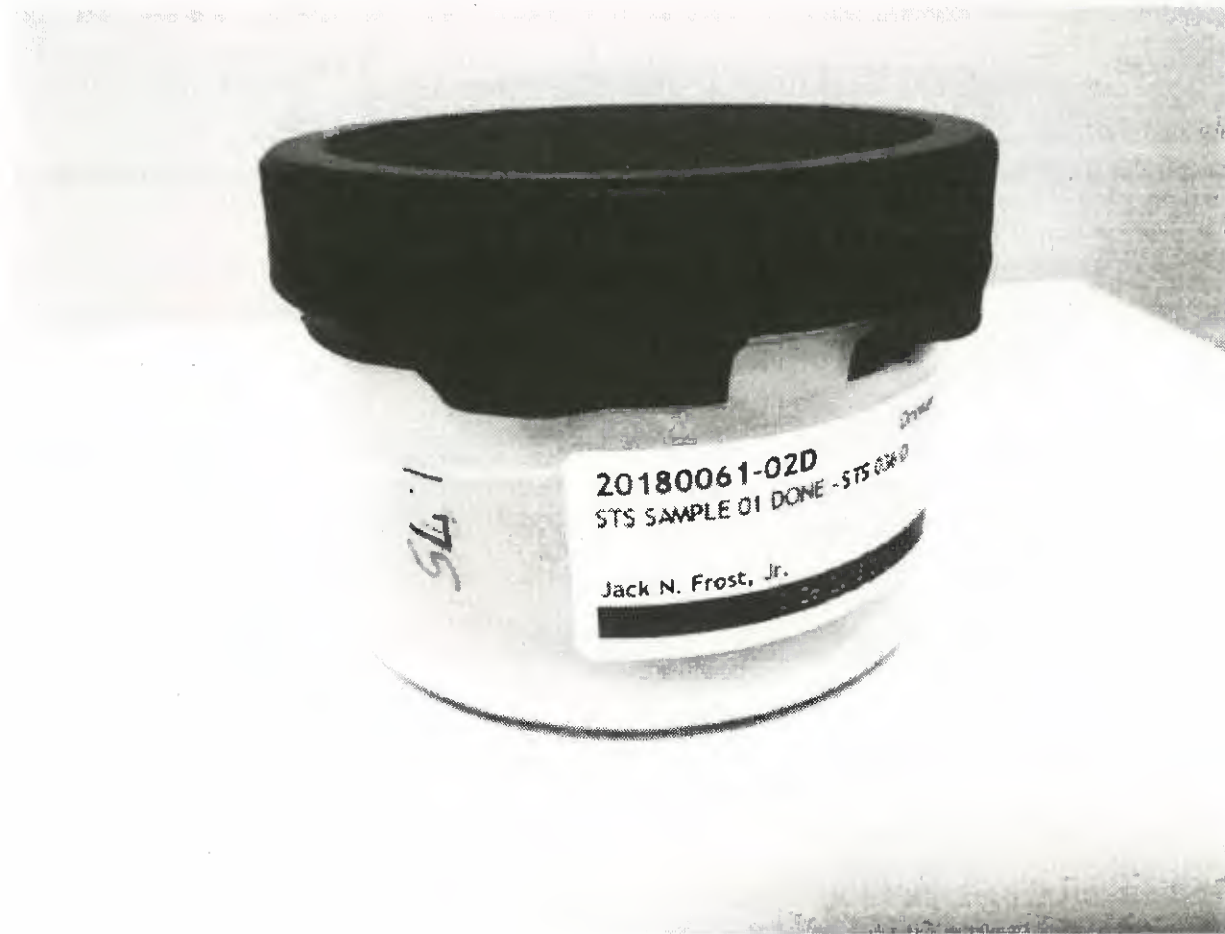
  
Observer for Defendants 5/17/18  
Date

Laboratory technician hereby acknowledges that all remaining material from 2018 0061-02 was returned to its original container or receiptable.

  
Laboratory Technician 5/17/18  
Date

This form is an Exhibit to the Agreed Order and Stipulation Regarding the Johnson & Johnson Defendants' Production of Talcum Powder Products and Talc Samples ("Agreed Order"). Terms used herein have the same meaning as defined in the Agreed Order. The instant form has been adapted for use in connection with the initial division of Samples STS009, STS014, STS015, STS027, STS029, STS030, STS044, STS049 and 2014,001,0397, and further division of Samples STS001, STS002, STS016, STS036, STS055 and STS065.





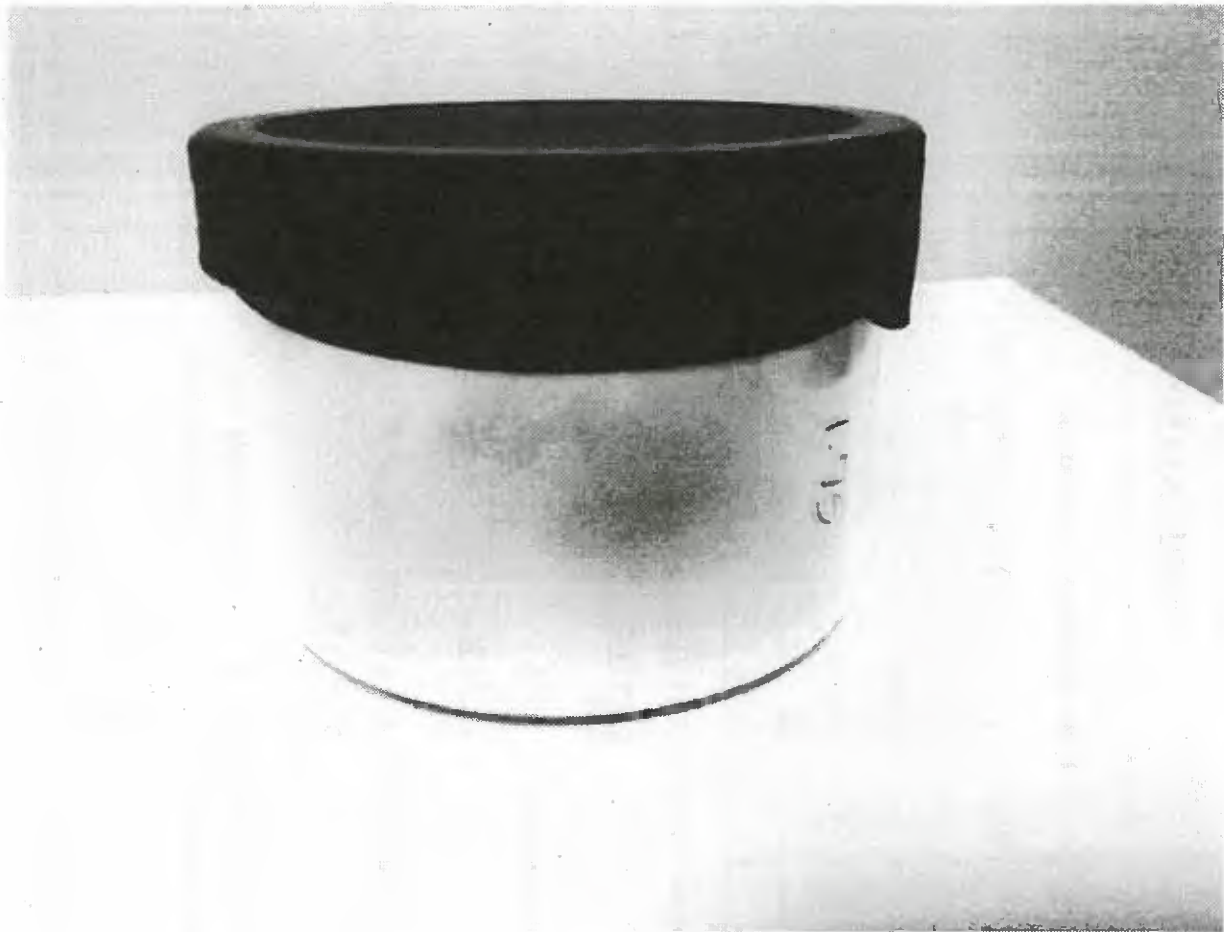




EXHIBIT E<sup>3</sup>

IN RE JOHNSON & JOHNSON TALCUM POWDER PRODUCTS  
MARKETING, SALES PRACTICES, AND PRODUCTS LIABILITY LITIGATION  
MDL NO. 16-2738 (FLW) (LHG)

JOINT CATALOGUE

LABORATORY CONTROL NO.	SAMPLE IDENTIFICATION NO.	LABEL ON ORIGINAL CONTAINER	DATE ON ORIGINAL CONTAINER	QUANTITY ON LABEL OF ORIGINAL CONTAINER	ACTUAL QUANTITY IN ORIGINAL CONTAINER	QUANTITY IN ORIGINAL CONTAINER OR NEW RECEPTACLE AFTER DIVISION
2018 0061 - 10	STS044	IMPROVED! Shower to Shower DEODORANT BODY POWDER with Baking Soda	1980-1981	4 oz.	~ 3.67 oz.	~ 1.84 oz.
2018 0061 - 10 A						~ 0.40 oz.
2018 0061 - 10 B						~ 0.98 oz.
2018 0061 - 10 C						NOT USED
2018 0061 - 10 D						~ 0.45 oz.

\* 2018 0061 - 10A will be held at the Laboratory and shipped to the MDL PECO separately. AMM

Observer for plaintiffs hereby acknowledges receipt of 2018 0061 - 10 A, ~ 0.40 oz. (weight) of original Sample 2018 0061 - 10

Jung Duler  
Observer for Plaintiffs  
Date 5/17/18

Observer for plaintiffs hereby acknowledges receipt of 2018 0061 - 10 D, ~ 0.45 oz. (weight) of original Sample 2018 0061 - 10

Jung Duler  
Observer for Plaintiffs  
Date 5/17/18

Observer for defendants hereby acknowledges receipt of 2018 0061 - 10 B, ~ 0.98 oz. (weight) of original Sample 2018 0061 - 10

LEE  
Observer for Defendants  
Date 5/17/18

Laboratory technician hereby acknowledges that all remaining material from Sample 2018 0061 - 10 was (check one): ☒ replaced in its original container ☐ transferred to a new receptacle (2018 - C).

Stefance  
Laboratory Technician  
Date 5/17/18

<sup>1</sup> This form is an Exhibit to the Agreed Order and Stipulation Regarding the Johnson & Johnson Defendants' Production of Talcum Powder Products and Talc Samples ("Agreed Order"). Terms used herein have the same meaning as defined in the Agreed Order. The instant form has been adapted for use in connection with the initial division of Samples STS009, STS014, STS015, STS027, STS029, STS030, STS044, STS049 and 2014 001 0397, and further division of Samples STS001, STS002, STS016, STS036, STS035 and STS065.

JH1688969

Page 250 of 268









EXHIBIT E'

IN RE JOHNSON & JOHNSON TALCUM POWDER PRODUCTS  
MARKETING, SALES PRACTICES, AND PRODUCTS LIABILITY LITIGATION  
MDL NO. 16-2738 (FLW) (LHG)

JOINT CATALOGUE

LABORATORY CONTROL NO.	SAMPLE IDENTIFICATION NO.	LABEL ON ORIGINAL CONTAINER	DATE ON ORIGINAL CONTAINER	QUANTITY ON LABEL OF ORIGINAL CONTAINER	ACTUAL QUANTITY IN ORIGINAL CONTAINER	QUANTITY IN ORIGINAL CONTAINER OR NEW RECEIPTABLE AFTER DIVISION
2018 0061-15	STS049	Shower to Shower DEODORANT BODY POWDER with Baking Soda	1978	8 oz.	~7.59	~3.81 oz.
2018 0061-15 A						~1.19 oz.
2018 0061-15 B						~2.05 oz.
2018 <del>0061-15 C</del>						NOT USED
2018 0061-15 D						~0.54 oz.

# 20180061-15A will be held at the Laboratory and shipped to the MBL PEC separately. (AMK)

Observer for plaintiffs hereby acknowledges receipt of 2018 0061-15 A, ~1.19 oz. (weight) of original Sample 2018 0061-15

*Samuel Duder*  
Observer for Plaintiffs

Observer for plaintiffs hereby acknowledges receipt of 2018 0061-15 D, ~0.54 oz. (weight) of original Sample 2018 0061-15

*Samuel Duder*  
Observer for Plaintiffs

Observer for defendants hereby acknowledges receipt of 2018 0061-15 B, ~2.05 oz. (weight) of original Sample 2018 0061-15

*R. Z. Z.*  
Observer for Defendants

Laboratory technician hereby acknowledges that all remaining material from Sample 2018 0061-15 was (check one) ☒ replaced in its original container ☐ transferred to a new receptacle (2018 ) C.

*John H. H.*  
Laboratory Technician

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JH1898969

Page 254 of 268









EXHIBIT E'

IN RE JOHNSON & JOHNSON TALCUM POWDER PRODUCTS  
MARKETING, SALES PRACTICES, AND PRODUCTS LIABILITY LITIGATION  
MDL NO. 16-2738 (FLW) (LHG)

JOINT CATALOGUE

LABORATORY CONTROL NO.	SAMPLE IDENTIFICATION NO.	LABEL ON ORIGINAL CONTAINER	DATE ON ORIGINAL CONTAINER	QUANTITY ON LABEL OF ORIGINAL CONTAINER	QUANTITY IN ORIGINAL CONTAINER OR RECEPTACLE BEFORE DIVISION	QUANTITY IN ORIGINAL CONTAINER/RECEPTACLE OR NEW RECEPTACLE AFTER DIVISION
2018 0061-21	STS055	REGULAR SCENT Shower to Shower DEODORANT BODY POWDER with Baking Soda and Corn Starch	1983	8 oz.	AMV ~4.310z.	<del>                    </del>
2018 0061-21c					~4.310z.	~3.80 oz.
2018 0061-21d						~0.510z.

Observer for plaintiffs hereby acknowledges receipt of 2018 0061-21 D. ~0.510z. of 2018 0061-21C  
(weight)

  
Observer for Plaintiffs

Observer for defendants hereby acknowledges witnessing the same.

  
Observer for Defendants

Laboratory technician hereby acknowledges that all remaining material from 2018 0061-21C was returned to its original container or receptacle.

  
Laboratory Technician

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JH1898969

Page 258 of 268

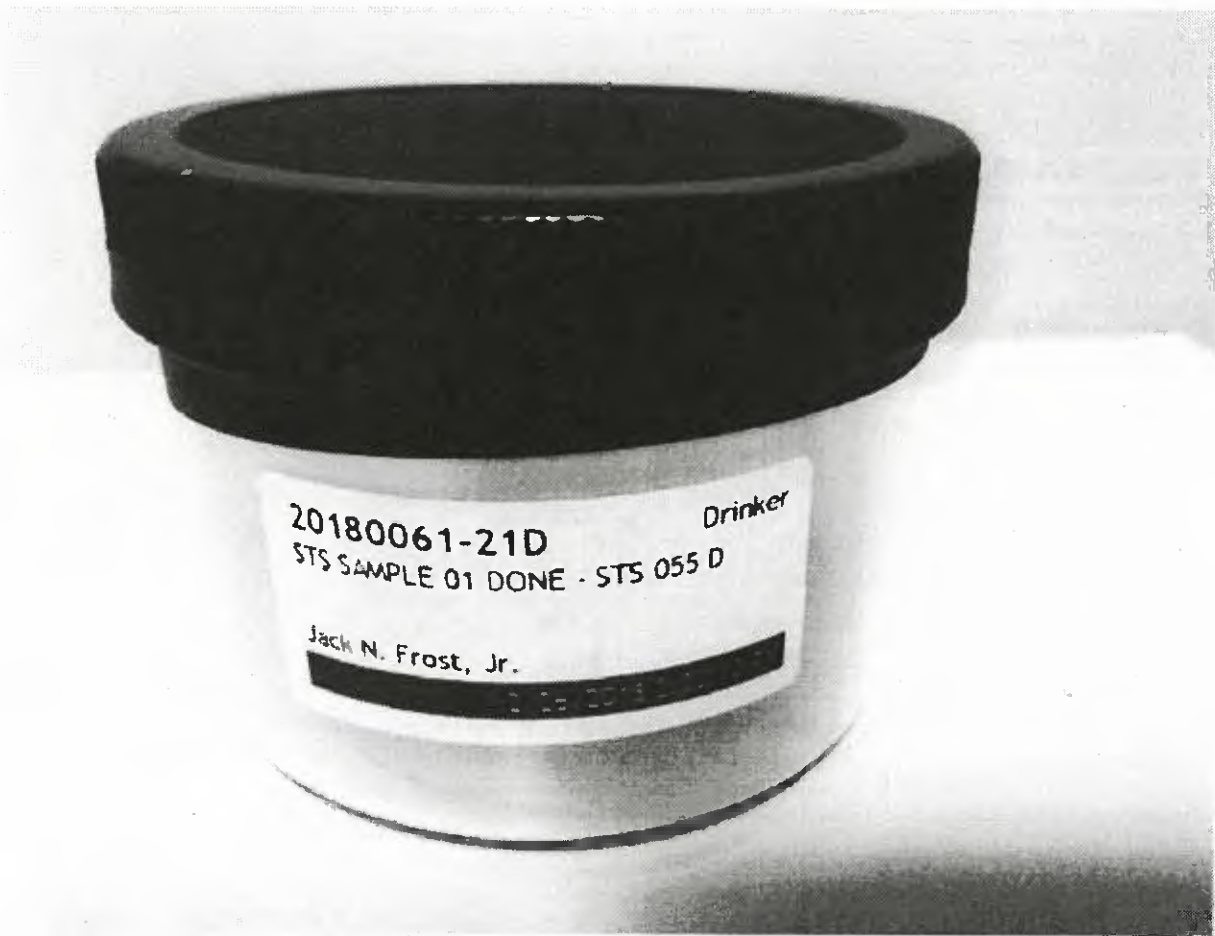




EXHIBIT E

IN RE JOHNSON & JOHNSON TALCUM POWDER PRODUCTS  
MARKETING, SALES PRACTICES, AND PRODUCTS LIABILITY LITIGATION  
MDL NO. 16-2738 (FLW) (LHG)

JOINT CATALOGUE

LABORATORY CONTROL NO.	SAMPLE IDENTIFICATION NO.	LABEL ON ORIGINAL CONTAINER	DATE ON ORIGINAL CONTAINER	QUANTITY ON LABEL OF ORIGINAL CONTAINER	QUANTITY IN ORIGINAL CONTAINER OR RECEPTACLE BEFORE DIVISION	QUANTITY IN ORIGINAL CONTAINER/RECEPTACLE OR NEW RECEPTACLE AFTER DIVISION
2018 0061 - 31	STS065	REGULAR SCENT Shower DEODORANT BODY POWDER with Baking Soda and Cornstarch	1986	8 oz.	~ 3.88 oz.	~ 3.42 oz.
2018 0061 - 31 C					NOT USED	NOT USED
2018 0061 - 31 F						~ 0.46 oz.

AMK

Observer for plaintiffs hereby acknowledges receipt of 2018 0061 - 31 F ~ 0.46 oz. of 2018 0061 - 31 AMK (weight)

[Signature]  
Observer for Plaintiffs  
Date 5/17/18

Observer for defendants hereby acknowledges witnessing the same.

[Signature]  
Observer for Defendants  
Date 5/17/18

Laboratory technician hereby acknowledges that all remaining material from 2018 0061 - 31 was returned to its original container or receptacle.

[Signature]  
Laboratory Technician  
Date 5/17/18

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JH1698969

Page 261 of 268









EXHIBIT E<sup>1</sup>

IN RE JOHNSON & JOHNSON TALCUM POWDER PRODUCTS  
MARKETING, SALES PRACTICES, AND PRODUCTS LIABILITY LITIGATION  
MDL NO. 16-2738 (FLW) (LHG)

JOINT CATALOGUE


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2018 0061-31	STS 065	SPICE SCENT Shower to Shower DEODORANT BODY POWDER with Baking Soda and Corn Starch	1986	8 oz.	~3.94 oz.	~3.43 oz.
2018 0061-31c						
2018 0061-31 16					NOT USED	NOT USED
						~0.51 oz.

AMZ

Observer for plaintiffs hereby acknowledges receipt of 2018 0061-31 <sup>G</sup> ~0.51 oz. of 2018 0061-31  
AMZ (weight)

  
Observer for Plaintiffs  
5/17/18  
Date

Observer for defendants hereby acknowledges witnessing the same.

  
Observer for Defendants  
5/17/18  
Date

Laboratory technician hereby acknowledges that all remaining material from 2018 0061-31 was returned to its original container or receptacle.

  
Laboratory Technician  
5/17/18  
Date

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